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EXHIBIT

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R-586-10-4-41

SAMPLING INVESTIGATION REPORT  
SAAD SITE  
NASHVILLE, TENNESSEE

Prepared Under  
TDD NO. F4-8304-01  
CONTRACT NO. 68-01-6699

FOR THE

AIR AND WASTE MANAGEMENT DIVISION  
U.S. ENVIRONMENTAL PROTECTION AGENCY

OCTOBER 31, 1984

NUS CORPORATION  
SUPERFUND DIVISION

Prepared By

Roger Franklin  
R. Roger Franklin  
Project Engineer

Reviewed By

Murray Warner  
Murray Warner, P.E.  
Regional Project Manager

Approved By

Murray Warner  
Murray Warner, P.E.  
Regional Project Manager

**SAMPLING INVESTIGATION REPORT  
SAAD SITE  
NASHVILLE, TENNESSEE**

#### **1.0 INTRODUCTION**

A sampling investigation was conducted at the Saad Site by the NUS Corporation, Region IV, Field Investigation Team (FIT) during the week of April 26, 1983. The investigation was conducted by R. Roger Franklin and James B. Wallace in accordance with TDD F4-8304-01 as requested by the U.S. Environmental Protection Agency, Region IV, Air and Waste Management Division.

#### **2.0 SITE HISTORY**

The John P. Saad Oil Company, a waste oil recycler located on Trousdale Blvd., began operating in 1970. Adjacent to the Saad Oil Company is the L & N Railroad yard (Figure 1). The Saad Site was first noted as a pollution source in 1978 when a discharge pond located at the rear of the site was found to contain waste solvents. In 1979, drums suspected of containing hazardous waste were found on site. The local geology of the area contains limestone that has karst formations and extensive fractures. The discharge pond was located over a sink area that has been filled. The sink area common to both the L & N yard and the Saad property has received chemical wastes from Saad and possibly spilled fuels and lubricants from L & N. It is suspected that this sink is hydrologically connected to a large spring on the Croft farm located less than one mile downgradient of the two suspected sources.

The Croft farm property is a 300 acre farm that is scheduled to become a children's recreational park under management of the Cumberland Museum. The major spring on the property forms a stream that flows to the south. This stream is additionally fed by several smaller springs also located on the Croft farm. Near the property boundary, the stream joins a creek that flows from an industrialized

area located north of the Croft property. In 1968, L & N Railroad paid damages to the Croft farm for polluting the spring, which reportedly injured cattle that drank from the stream. Past sampling of the major spring by the Tennessee Water Quality staff has documented the presence of alkylated benzene, 1,1-dichloroethylene, chloroform, carbon tetrachloride and chlorobenzene. Additionally, the stream is aesthetically damaged by an orange colored precipitant thought to be related to an unnatural bloom of iron-fixing microflora. Museum and state officials desire to rid this spring of pollution to eliminate possible health risks to users of the planned park and to restore its natural appearance.

During August and September of 1982, FIT installed seven monitoring wells on and around the Saad Site. Five of the monitoring wells were installed on the Croft farm, adjacent to the Saad Site. The sixth well was placed on L & N property and the seventh well was drilled on the Saad Site. The locations of the monitoring wells are given in Figure 2. The data generated by the installation of the monitoring wells is given in the report submitted under TDD # F4-8204-06.

Two previous sampling studies were conducted during May and September of 1982. The first study (May, 1982) included the collection of water and sediment samples from streams and surface drainage routes in the area. The second study (September, 1982) consisted of the collection of groundwater samples from six of the seven monitoring wells. The results of both investigations are found in the report submitted under TDD # F4-8212-105.

### 3.0 OBJECTIVE

The objective of this investigation was to obtain samples that would aid in determining if seasonal fluctuations in the elevation of the groundwater table in the area would effect the migration of chemical contaminants below the Saad Site. Water level measurements showing slight seasonal fluctuations taken from the seven monitoring wells on two different dates are given in Table 1.

#### 4.0 SCOPE

The scope of this investigation included the collection of groundwater samples from seven monitoring wells located in the area of the Saad Site. Water and sediment samples were also collected from a major spring located on the Croft farm.

#### 5.0 DISCUSSION OF ANALYTICAL RESULTS

##### 5.1 Croft Farm Spring

Water and sediment samples (SS-CSRS1-01W, 01S) were collected from the major spring located on the Croft Farm. The inorganic analysis performed on the sediment sample detected the presence of 15 metals (Table II), nine of which were listed as priority pollutants. The concentrations of the metals ranged from 70 ug/kg (cadmium) to 30,000,000 ug/kg (iron). As shown in Table III, only one organic compound was detected by the organic analyses performed on the sediment sample. Benzothiazolethione was reported present in sample at a concentration of 3,700 ug/kg.

Three metals were detected by the inorganic analysis performed on the water sample collected (Table IV). Boron (140 ug/l), manganese (1,600 ug/l) and iron (1,700 ug/l) were identified in the sample. No organic compounds were detected in the sample.

##### 5.2 Monitoring Well SS-CF-MW-01 (Sample Code SS-CFMWRS1-01)

The inorganic analysis detected six metals and one inorganic compound present in the sample (Table IV). Two of the contaminants detected (cyanide and zinc) are listed as priority pollutants. The concentrations ranged from 16 ug/l (cyanide) to 5,700 ug/l (iron).

Twenty organic compounds were detected by the organic analyses performed

(Tables V & VI). Of the 20 compounds detected, two compounds (benzene and phenol) are listed as priority pollutants, and 14 were unidentified. The concentrations of the 20 compounds ranged from 31 ug/l (phenol) to 1,200 ug/l (acetone).

#### 5.3 Monitoring Well SS-CFMW-02 (Sample Code SS-CFMWRS1-02)

As shown in Table IV three metals were detected in the sample analyzed. Aluminum, manganese and iron were detected at concentrations of 790 ug/l, 150 ug/l and 800 ug/l respectively. No organic compounds were detected by the organic analyses performed on the sample.

#### 5.4 Monitoring Well SS-CFMW-03 (Sample Code SS-CFMWRS1-03)

Inorganic analysis detected three metals present in the sample (Table IV). The three metals identified were tin (40 ug/l), manganese (450 ug/l) and iron (800 ug/l).

Five organic compounds were identified by the organic analyses performed on the sample (Tables V & VI). One of the compounds, chlorobenzene (7.4 ug/l), is listed as a priority pollutant. The remaining four compounds included acetone (64 ug/l), C<sub>2</sub> alkyl naphthalene (20 ug/l), C<sub>3</sub> alkyl naphthalene (30 ug/l) and an unidentified petroleum product.

#### 5.5 Monitoring Well SS-CFMW-04 (Sample Code SS-CRMWRS1-04)

As shown in Table IV the inorganic analysis identified five metals and one inorganic compound present in the sample. Cyanide (14 ug/l) and lead (70 ug/l) are listed as priority pollutants.

The organic analyses detected two organic compounds in the sample (Tables V & VI). The two compounds detected were chlorobenzene (34 ug/l) and an unidentified petroleum product. Chlorobenzene is listed as a priority pollutant.

### 5.6 Monitoring Well SS-CFMW-05 (Sample Code SS-CFMWRS1-05)

Five metals were detected in the sample by the inorganic analysis performed (Table IV). The concentrations of these metals ranged from 7 ug/l (lead) to 10,000 ug/l (iron). Lead was the only priority pollutant detected.

A total of 22 organic compounds were detected by the organic analyses performed on the sample (Tables V & VI). Of the 22 compounds detected seven are listed as priority pollutants and seven were unidentified. The priority pollutants detected were vinyl chloride (11 ug/l), chloroethane (110 ug/l), 1,1-dichloroethane (75 ug/l), 1,2-dichloroethane (3 ug/l), benzene (24 ug/l), toluene (800 ug/l) and ethyl benzene (120 ug/l).

### 5.7 Monitoring Well SS-LNMW-06 (Sample Code SS-LNMWRS1-06)

Six metals were identified in the sample by the inorganic analysis (Table IV). Two of the metals (lead and zinc) are listed as priority pollutants. The concentrations of the metal were reported between 29 ug/l (lead) and 5,400 ug/l (iron).

The organic analyses detected the presence of six organic compounds in the sample (Tables V & VI). Of the six compounds detected one (bis(2ethylhexyl)phthalate) is listed as a priority pollutant and one was an unidentified petroleum product. The concentration values of the compounds ranged from 1,900 ug/l (2-methyl naphthalene) to 3,700 ug/l (acetone).

### 5.8 Monitoring Well SS-SSMW-07 (Sample Code SS-SSMWRS1-07)

The inorganic analysis found nine metals present in the sample (Table IV). Four of the metals (arsenic, nickel, lead and zinc) are listed as priority pollutants. The concentrations of the metals ranged from 43 ug/l (arsenic) to 180,000 ug/l (lead).

The organic analyses detected 19 compounds in the sample (Tables V & VI). Twelve of the compounds are listed as priority pollutants. One of the compounds was an

unidentified petroleum product. The concentrations of the compounds ranged from 88 ug/l (phenanthrene) to 160,000 ug/l (trichloroethene).

### 5.9 Special Analyses

An additional water sample was collected at each sampling location for the detection of petroleum products. The analyses were performed by the U.S. EPA Analytical Support Branch located in Athens, Georgia. The samples were analyzed by gas chromatography (GC) using fused silica capillary column with dual FID/flame photometric detector. All of the samples analyzed, with the exception of sample SS-SSMWRS1-07, required solvent extraction which affected their GC profiles and hindered comparative analysis. As a result few conclusions could be drawn. The data generated by the analyses is given below:

<u>Station</u>	<u>Analytical Results</u>
SS-CSRS1-01W	No petroleum product indicated
SS-CFMWRS1-01	No petroleum product indicated
SS-CFMWRS1-02	No petroleum product indicated
SS-CFMWRS1-03	No petroleum product indicated
SS-CFMWRS1-04	Analytical response indicative of a distillate fuel oil (e.g. #2 or diesel)
SS-CFMWRS1-05	No petroleum product indicated
SS-LNMWRS1-06	Analytical response indicative of a distillate fuel oil (e.g. #2 or diesel)
SS-SSMWRS1-07	A mixture of at least two petroleum products (possibly a cutting oil and a lubricating type oil)

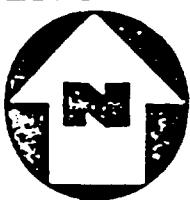
### 6.0 METHODOLOGY

All sample collection, sample preservation and chain-of-custody procedures used during this investigation were in accordance with the standard operating

procedures as specified in the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (1). All of the wells with the exception of well SS-CFMW-01 were purged until dry or until three static volumes of water had been removed. Well SS-CFMW-01 was not purged because based on previous experience the well would not recharge during the time frame of the study. All laboratory analyses and quality assurance procedures used during this investigation were in accordance with the standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual or as specified by the existing United States Environmental Protection Agency procedures and protocols for the contract analytical laboratory program (2).

## REFERENCES

1. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U.S. Environmental Protection Agency, Region IV, Environmental Services Division; August 29, 1980.
2. Analytical Support Branch Operations and Quality Assurance Manual; U.S. Environmental Protection Agency, Region IV, Environmental Services Division; April 1982.



SAAD SITE

CROFT SPRING

L&N

0 2000 FEET

SCALE

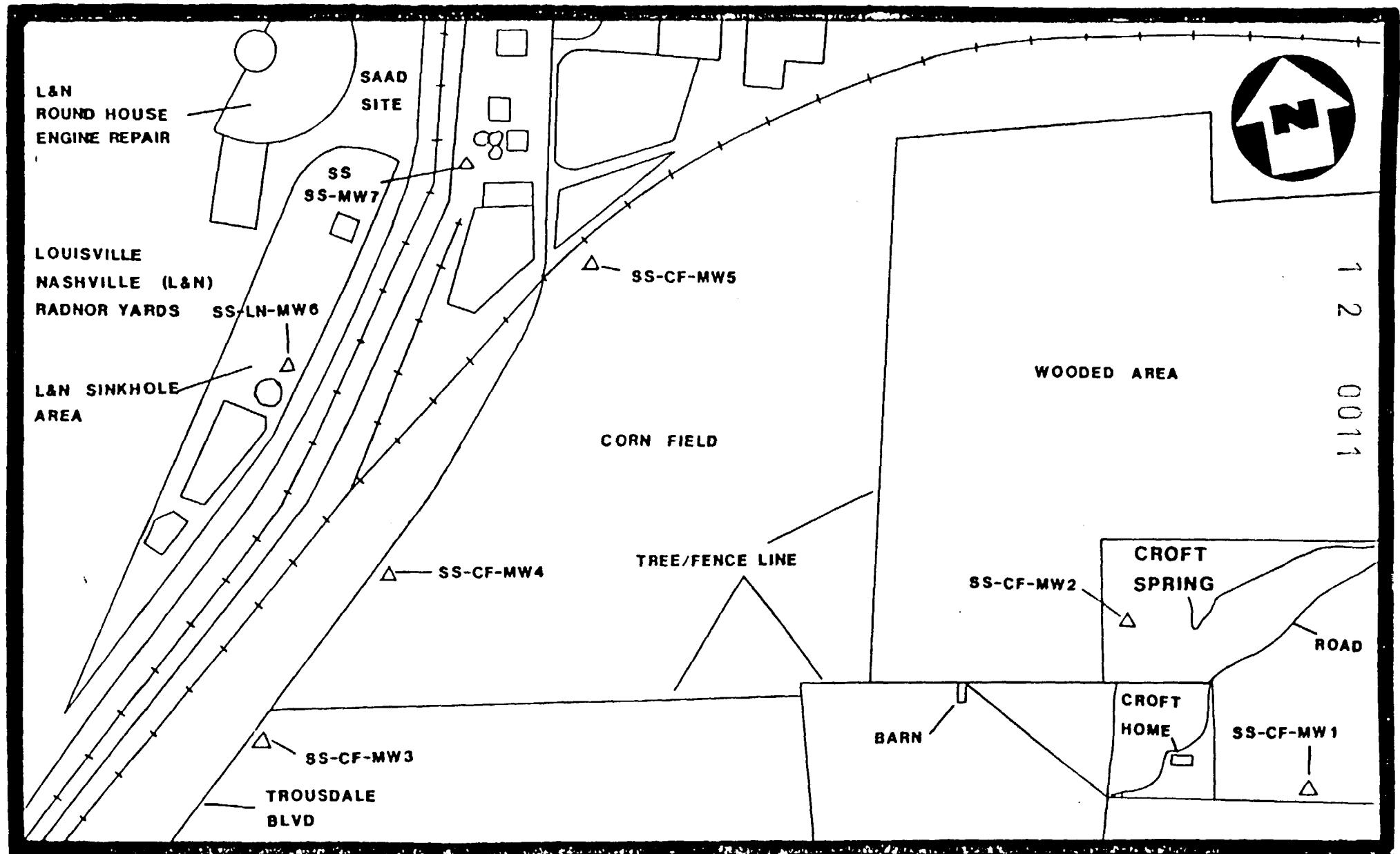
REFERENCE: ANTIOCH AND OAK HILL  
TOPOGRAPHIC QUADRANGLE MAPS

FIGURE 1

LOCATION OF  
SAAD SITE

**NUS**  
CORPORATION

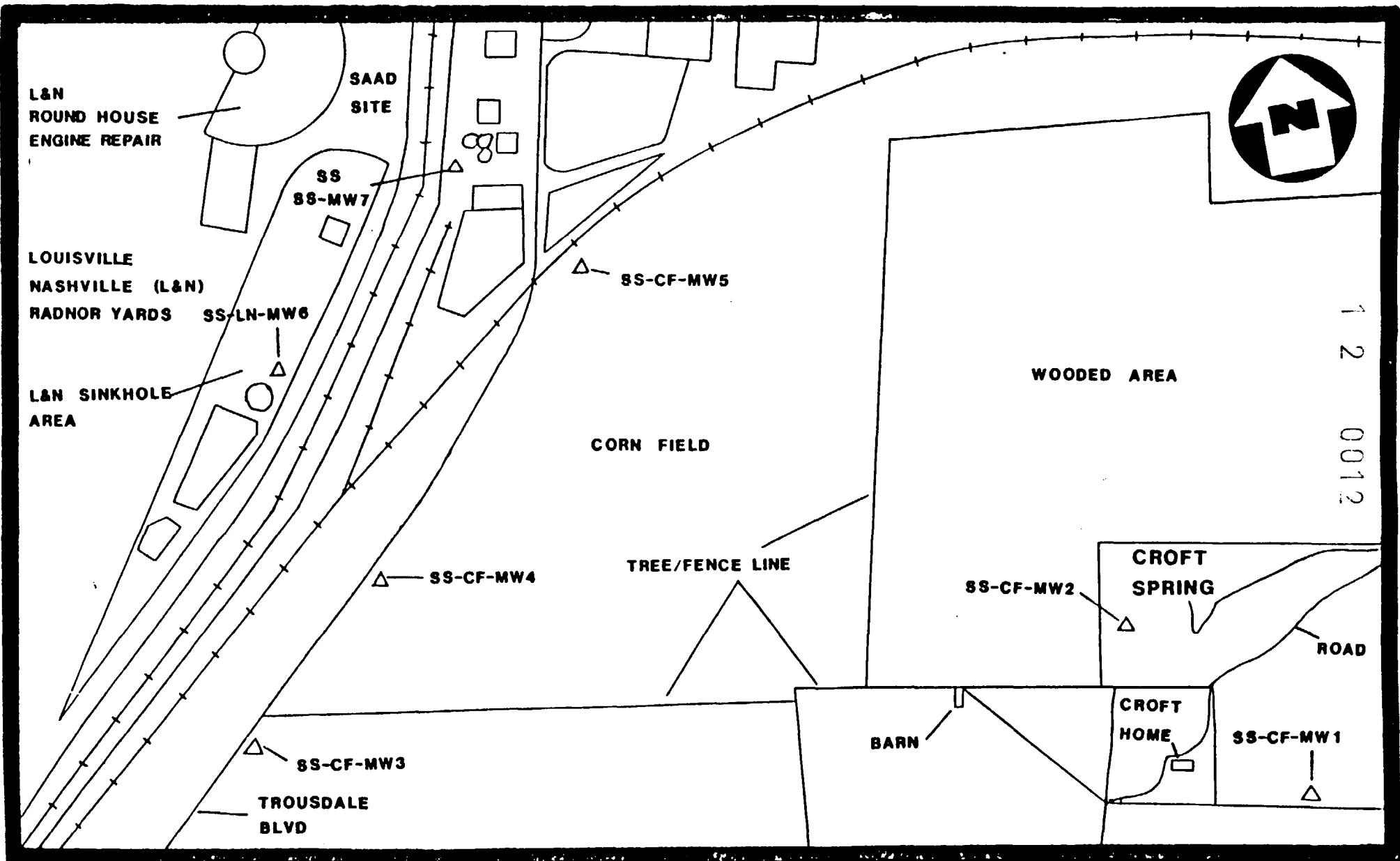
NORTH LAKE SQUARE OFFICE PARK  
1725 MONTREAL CIRCLE  
SUITE 20  
TUCKER, GEORGIA 30084



**FIGURE 2 LOCATION OF MONITORING WELLS**

0 300 FT.  
SCALE

**NUS**  
CORPORATION  
A Halliburton Company



**FIGURE 2 LOCATION OF MONITORING WELLS**

1 2 0013

TABLE I  
SAAD SITE  
NASHVILLE, TENNESSEE  
WATER LEVEL MEASUREMENT  
(in Ft)

Date	SS- CFMW-01	SS- CFMW-02	SS- CFMW-03	SS- CFMW-04	SS- CFMW-05	SS- LNMW-06	SS- SSMW-07
10/9/82	51.8'	26.5'	36.3'	30.3'	21.2'	14.5'	15.1'
4/26/83	48.6'	25.4'	30.0'	29.3'	24.0'	11.3'	11.4'

**TABLE II**  
**SAAD SITE**  
**SOIL SAMPLES**  
**INORGANIC ANALYSIS<sup>(1)</sup>**  
(in ug/kg)

Element	SS-CSRS1-01
Arsenic*	11,000
Boron	6,800
Barium	130,000
Beryllium*	900
Cadmium*	70
Chromium*	11,000
Copper*	4,800
Nickel*	4,100
Lead*	7,900
Selenium*	150
Vanadium	12,000
Zinc*	14,000
Aluminum	17,000,000
Manganese	2,900,000
Iron	30,000,000

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Arsenic\*	11,000
Boron	6,800
Barium	130,000
Beryllium\*	900
Cadmium\*	70
Chromium\*	11,000
Copper\*	4,800
Nickel\*	4,100
Lead\*	7,900
Selenium\*	150
Vanadium	12,000
Zinc\*	14,000
Aluminum	17,000,000
Manganese	2,900,000
Iron	30,000,000

(1) Data reported on a wet weight basis.

\* Priority pollutant.

**TABLE III**  
**SAAD SITE**  
**SOIL SAMPLES**  
**EXTRACTABLE ORGANIC COMPOUNDS(1)**  
(in ug/kg)

Compound	SS-CSRS1-01
Benzothiazolethione	3,700 JN

J - Estimated value.

N - Presumptive evidence of presence of material.

(1) - Data suspect based on quality control.

**TABLE IV**  
**SAAD SITE**  
**WATER SAMPLES**  
**INORGANIC ANALYSES**  
 (in ug/l)

Element	SS-CSRS1 01W	SS-CFMWR S1-01	SS-CFMWR S1-02	SS-CFMWR S1-03	SS-CFMWR S1-04	SS-CFMWR S1-05	SS-LNMWR S1-06	SS-LNMWR S1-07
Cyanide*	-	16	-	-	14	-	-	-
Arsenic*	-	-	-	-	-	-	-	43
Boron	140	250	-	-	190	350	420	1,000
Barium	-	-	-	-	-	-	-	100
Nickel*	-	-	-	-	-	-	-	48
Lead*	-	66	-	-	70	7.0	29	52
Tin	-	-	-	40	-	-	-	-
Zinc*	-	54	-	-	-	-	84	33
Aluminum	-	5,500	790	-	190	130	260	2,800
Manganese	1,600	54	150	450	13,000	2,200	1,300	81,000
Iron	1,700	5,700	800	800	20,000	10,000	5,900	180,000

\* Priority pollutant.

- Material was analyzed for but not detected.

0015

**TABLE V**  
**SAAD SITE**  
**WATER SAMPLES**  
**PURGEABLE ORGANIC COMPOUNDS<sup>(1)</sup>**  
 (in ug/l)

Compound	SS-CSRSI 01W	SS-CFMWR SI-01	SS-CFMWR SI-02	SS-CFMWR SI-03	SS-CFMWR SI-04	SS-CFMWR SI-05	SS-LNMWR SI-06	SS-SSMWR SI-07
Vinyl Chloride*	-	-	-	-	-	11	-	15,000
Chloroethane*	-	-	-	-	-	110	-	-
Methylene Chloride*	-	-	-	-	-	-	-	31,000
1,1-dichloroethane*	-	-	-	-	-	75	-	-
Trans-1,2-dichloroethene	-	-	-	-	-	90	-	160,000
1,2-dichloroethane*	-	-	-	-	-	33	-	-
1,1,1-trichloroethane*	-	-	-	-	-	-	-	34,000
Trichloroethene	-	-	-	-	-	-	-	85,000
Benzene*	-	45	-	-	-	29	-	-
1,1,2,2-tetrachloroethane*	-	-	-	-	-	-	-	5,000J
Tetrachloroethene	-	-	-	-	-	-	-	82,000
Toluene*	-	-	-	-	-	800J	-	9,500
Chlorobenzene*	-	-	-	7.4	34	-	-	2,000J
Ethyl Benzene*	-	-	-	-	-	120	-	4,000J
O & P-Xylene (mixed)	-	-	-	-	-	110	-	4,000J
Acetone	-	1,200	-	640	-	920	3,700	-
Methylpropanal	-	-	-	-	-	20JN	-	-

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**TABLE V (continued)**  
**SAAD SITE**  
**WATER SAMPLES**  
**PURGEABLE ORGANIC COMPOUNDS<sup>(1)</sup>**  
**(in ug/l)**

Compound	SS-CSRSI	SS-CFMWR	SS-CFMWR	SS-CFMWR	SS-CFMWR	SS-CFMWR	SS-LNMWR	SS-SSMWR
	SI-W	SI-01	SI-02	SI-03	SI-04	SI-05	SI-06	SI-07
Methylpentene	-	-	-	-	-	8JN	-	-
Methylcyclohexane	-	-	-	-	-	30JN	-	-
Styrene	-	-	-	-	-	-	-	5,000J
7 unidentified compounds	-	100JN	-	-	-	-	-	-
1 unidentified compound	-	-	-	-	-	10JN	-	-

1 Data suspect based on quality control.

- Material was analyzed for but not detected.

J Estimated value.

N Presumptive evidence of presence of material.

\* Priority pollutant.

1

2

0013

**TABLE VI**  
**SAAD SITE**  
**WATER SAMPLES**  
**EXTRACTABLE ORGANIC COMPOUNDS<sup>(1)</sup>**  
 (in ug/l)

Compound	SS-CFMWR SI-01	SS-CSRSI- 01W	SS-CFMWR SI-02	SS-CFMWR SI-03	SS-CFMWR SI-04	SS-CFMWR SI-05	SS-LNMWR SI-06	SS-SSMWR SI-07
Naphthalene*	-	-	-	-	-	-	-	130
Phenanthrene*	-	-	-	-	-	-	-	88
Flouranthene*	-	-	-	-	-	-	-	203
Bis(2-ethylhexyl) phthalate*	-	-	-	-	-	-	2,600	-
Phenol*	31	-	-	-	-	-	-	240
C2 Alkylbenzene	80JN	-	-	-	-	-	-	-
C3 Alkylbenzene	60JN	-	-	-	-	-	-	-
C4 Alkylbenzene	30JN	-	-	-	-	-	-	-
C2 Alkylnaphthalene	-	-	-	20JN	-	-	5,000JN	-
C3 Alkylnaphthalene	-	-	-	30JN	-	-	-	-
C4 Alkylbenzoic Acid	-	-	-	-	-	90JN	-	-
Petroleum Product	-	-	-	N	N	-	N	N

0019

**TABLE VI (continued)**  
**SAAD SITE**  
**WATER SAMPLES**  
**EXTRACTABLE ORGANIC COMPOUNDS<sup>(1)</sup>**  
**(in ug/l)**

Compound	SS-CSRS1 01W	SS-CFMWR SI-01	SS-CFMWR SI-02	SS-CFMWR SI-03	SS-CFMWR SI-04	SS-CFMWR SI-05	SS-LNMWR SI-06	SS-SSMWR SI-07
Phosphoric Acid Tributyl Ester	-	-	-	-	-	40JN	-	-
2-Methyl Naphthalene	-	-	-	-	-	-	1,900JN	96
1-Methyl Naphthalene	-	-	-	-	-	-	2,000JN	-
4-Methylphenol	-	-	-	-	-	-	-	520
7 unidentified compounds	-	500JN	-	-	-	-	-	-
6 unidentified compounds	-	-	-	-	-	200JN	-	-

(1) Data suspect based on quality control.

- Material was analyzed for but not detected.

J Estimated value.

N Presumptive evidence of presence of material.

\* Priority pollutant.

**TABLE VII**  
**SAAD SITE**  
**NASHVILLE, TENNESSEE**  
**FIELD MEASUREMENTS**

<b>Measurement</b>	<b>SS-</b> <b>CSRS1-01</b>	<b>SS-</b> <b>CFMWRSI-01</b>	<b>SS-</b> <b>CFMWRSI-02</b>	<b>SS-</b> <b>CFMWRSI-03</b>	<b>SS-</b> <b>CFMWRSI-04</b>	<b>SS-</b> <b>CFMWRSI-05</b>	<b>SS-</b> <b>LNMWRSI-06</b>	<b>SS-</b> <b>SSMWRSI-07</b>
Temperature C°	16.0	14.0	15.2	17.5	20.8	17.8	16.6	N/A
pH (S.U.)	6.66	11.6	6.5	6.65	6.6	6.5	6.7	N/A
Conductivity (umhos)	N/A	1900	4.70	410	420	510	510	N/A

N/A - Not available

1  
2  
0021

1 2 0022

**APPENDIX A**  
**ANALYTICAL DATA**

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0,25U MG/KG CYANIDE

STORET  
00721

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION ID: SS-CSR51-01  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124  
CONTRACT LABORATORY(ORGANIC): WEAIR TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE      #N-NOT ANALYZED      #NA-INTERFERENCES  
#J-ESTIMATED VALUE      #P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

0023

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426      SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSP  
SOURCE: BAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: 33-CSRB1-01  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1652      ORG SAMPLE NO: D 2132      INORG SAMPLE NO.: MD 124  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBS      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORET
0.00	MG/KG	SILVER	01078
11	MG/KG	ARBENIC	01003
6.8	MG/KG	BORON	01023
130	MG/KG	BARIUM	01008
0.9	MG/KG	BERYLLOIUM	01013
0.07	MG/KG	CADMIUM	01028
2.30	MG/KG	COBALT	01029
11	MG/KG	CHROMIUM	01039
4.0	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
4.1	MG/KG	NICKEL	01068
7.9	MG/KG	LEAD	01092
10	MG/KG	ANTIMONY	01098
0.15	MG/KG	SELENIUM	01148
1.00	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01193
NA	MG/KG	TELLURIUM	01193
NA	MG/KG	TITANIUM	01193
0.50	MG/KG	THALLIUM	014480
12	MG/KG	VANADIUM	01088
NA	MG/KG	YITTRIUM	015514
14	MG/KG	ZINC	01163
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	01192
1.000	MG/KG	ALUMINUM	01108
2.900	MG/KG	MANGANESE	01083
NA	MG/KG	CALCIUM	000917
NA	MG/KG	MAGNESIUM	000924
3.0000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	000934
NA	MG/KG	CHROMIUM, HEXAVALENT	000934
0	MG/KG	MOISTURE	70320

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES
- \*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

1 2 0024

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426      SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CSRS1-01  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: FAM  
ANALYTICAL METHOD:

CASE NO.: 1652      ORG SAMPLE NO: D 2132      INORG SAMPLE NO.: MD 124  
CONTRACT LAB/PAT TRY(ORGANIC): XEAD TECHNOLOGY  
CONTRACT LAB/PAT TRY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: FBB      SAMPLE DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOP#
72U	UG/KG	ACROLEIN	34213
72U	UG/KG	ACRYLONITRILE	34218
3.6U	UG/KG	CHLOROMETHANE	34421
3.6U	UG/KG	BROMOMETHANE	34416
3.6U	UG/KG	VINYL CHLORIDE	34495
3.6U	UG/KG	CHLOROETHANE	34314
3.6U	UG/KG	METHYLENE CHLORIDE	34426
3.6U	UG/KG	1,1-DICHLOROETHENE	34504
3.6U	UG/KG	1,1-dichloroethane	34499
3.6U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
3.6U	UG/KG	CHLOROFORM	34318
3.6U	UG/KG	1,2-dichloroethane	34534
3.6U	UG/KG	1,1,1-trichloroethane	34509
3.6U	UG/KG	CARBON TETRACHLORIDE	34299
3.6U	UG/KG	BROMODICHLOROMETHANE	34330
3.6U	UG/KG	1,2-DICHLOROPROPANE	34544
3.6U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
3.6U	UG/KG	TRICHLOROETHENE	34487
3.6U	UG/KG	BENZENE	34237
3.6U	UG/KG	DIBROMOCHLOROMETHANE	34309
3.6U	UG/KG	1,1,2-trichloroethane	34514
7.2U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
3.6U	UG/KG	2-CHLOROETHYLIVYL ETHER	34579
3.6U	UG/KG	BROMOFORM	34290
3.6U	UG/KG	1,1,2,2-tetrachloroethane	34519
3.6U	UG/KG	TETRA-CHLOROETHENE	34478
3.6U	UG/KG	TOLUENE	34483
3.6U	UG/KG	CHLOROBENZENE	34304
3.6U	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	M-XYLENE	
3.6U	UG/KG	O&P-XYLENE(MIXED)	
	*	MOISTURE	70320

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
72U	ACETONE
150U	METHYL ETHYL KETONE
72U	CARBON DISULFIDE
72U	METHYL BUTYL KETONE
3.6U	METHYL ISOBUTYL KETONE
7.2U	STYRENE
NA	VINYL ACETATE
3.6U	DICHLORODIFLUOROMETHANE
	FLUOROTRICHLOROMETHANE

PROJECT NO.: 83-110 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 JRG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
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THE MINIMUM DETECTION LIMIT.

0023

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

07/27/93  
EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SLUDGE(60% WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SAMPLE SITE: NASHVILLE STATE: TN  
STATION ID: SS-55RS1-01  
SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00  
COLLECTED BY: R FRANKLIN RECEIVED FROM: D BY:  
SAMPLE REC'D: DATE/TIME 00/00/00  
SEALED:  
CHEMIST: J.S.  
ANALYTICAL METHOD:  
CASE NO.: 1652 JDS SAMPLE NO.: D 2132 INDRG SAMPLE NO.: MD 124  
CONTRACT LABORATORY(ORGANIC): NEED TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH  
REMARK:  
REMARK:  
SAMPLE LOG VERIFIED BY: FBB DATA VERIFIED BY: JMS  
DATA SUSPECT BASED ON: QUALITY CONTROL--USE FOR "SCREENING" ONLY!!  
\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*J-ESTIMATED VALUE \*NDR-RESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\* \* \* \* \* ANALYTICAL RESULTS \* \* \* \*

RESULTS	UNITS	COMPOUND	STORED
NA	UG/KG	N-NITRODI(METHYLAMINE	34441
12000	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34348
23000	UG/KG	BENZIDINE	39121
58000	UG/KG	1,3-DICHLOROBENZENE	39569
58000	UG/KG	1,4-DICHLOROBENZENE	39574
58000	UG/KG	1,2-dichlorobenzene	39539
58000	UG/KG	bis(2-chloroethyl) ether	39276
12000	UG/KG	hexachloroethane	39399
12000	UG/KG	bis(2-chloroethyl) isopropyl ether	39286
58000	UG/KG	n-nitrosodi-n-propylamine	39431
58000	UG/KG	hexachlorobutadiene	39705
58000	UG/KG	1,2,4-trichlorobenzene	39554
58000	UG/KG	1,2,4-trichlorobutadiene	39445
58000	UG/KG	naphthalene	39281
58000	UG/KG	isophorone	39411
58000	UG/KG	2-chloronaphthalene	39203
58000	UG/KG	acetanilidene	39339
58000	UG/KG	dimethyl phthalate	3936
58000	UG/KG	2,4-dinitrotoluene	39701
58000	UG/KG	2,6-dinitrotoluene	39629
58000	UG/KG	4-chlorophenyl phenyl ether	39644
58000	UG/KG	fluoropene	3939
58000	UG/KG	diethyl phthalate	39278
58000	UG/KG	nitrosodiphenylamine/diphenylamine	39414
58000	UG/KG	hexachlorobenzene (HCB)	39719
58000	UG/KG	4-bromophenyl phenyl ether	39639
58000	UG/KG	anthracene	39646
58000	UG/KG	di-n-butylphthalate	39379
58000	UG/KG	anthraanthrene	39472
58000	UG/KG	pyrene	39295
58000	UG/KG	benzyl butyl phthalate	39510
58000	UG/KG	bis(2-ethylhexyl) phthalate	39229
58000	UG/KG	benzo(a)anthracene	39233
58000	UG/KG	chrysene	39112
58000	UG/KG	3,3'-dichlorobenzidine	39437
58000	UG/KG	di-n-octylphthalate	39479
58000	UG/KG	di-n-octylphthalate (B AND/OR K) FLUORANTHENE(TOTAL)	39534
58000	UG/KG	benzo(b and/or k) fluoranthene	39534
12000	UG/KG	benzo-a-pyrene	39523
12000	UG/KG	indeno(1,2,3-CD) pyrene	39524
12000	UG/KG	dibenz(a,h)anthracene	39524
12000	UG/KG	benzo(g,h)perylene	39524
58000	UG/KG	2-chlorophenol	39524
58000	UG/KG	phenol	39524
58000	UG/KG	2,4-dimethylphenol	39524
58000	UG/KG	2,4-dichlorophenol	39524
58000	UG/KG	2,4,6-trichlorophenol	39524
29000	UG/KG	2,4-chloro-3-methylphenol	39524
29000	UG/KG	2,4-dinitrophenol	39524
12000	UG/KG	2,4,6-dinitrophenol	39524
12000	UG/KG	pentaclorophenol	39524
58000	UG/KG	4-nitrophenol	39524

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATLANTA GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE, /TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124  
CONTRACT LABORATORY(ORGANIC): VERA TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
5800U	BENZOIC ACID
5800U	2-METHYLPHENOL
5800U	4-METHYLPHENOL
5800U	2,4,5-TRICHLOROPHENOL
5800U	ANILINE
1200U	BENZYL ALCOHOL
2900U	4-CHLOROANILINE
5800U	DIBENZOFURAN
1200U	2-METHYL NAPHTHALENE
5800U	2-NITROANILINE
5800U	3-NITROANILINE
5800U	4-NITROANILINE
3700JN	BENZOTHIAZOLETHIONE

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*VA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD/REGIV  
ATLANTA, GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: A3C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE STATE: TN

CITY: NASHVILLE

STATION LOCATION: SS-55-SRSI-01

STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN RECEIVED FROM:

SAMPLE REC'D. DATE/TIME 00/00/00

RECD BY: 00/00/00

SEALED:

CHEMIST: CHH

ANALYTICAL METHOD:

NA

CASE NO.: 1652 JRG SAMPLE #: D 2132 INORG SAMPLE NO.: MD 124

CONTRACT LABORATORY(CNOSAVIC): HEAD TECHNOLOGY

CONTRACT LABORATORY(CNOSAVIC): CHEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: rga DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\* DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	
5.8U	UG/KG	ALDRIN	
5.8U	UG/KG	HEPTACHLOR	
5.8U	UG/KG	HEPTACHLOR EPOXIDE	
5.8U	UG/KG	ALPHA-BHC	
5.8U	UG/KG	BETA-BHC	
5.8U	UG/KG	DELTABHC	
5.8U	UG/KG	GAAMA-BHC (LINDANE)	
5.8U	UG/KG	DELTA-BHC	
5.8U	UG/KG	ENDOSULFAN I (ALPHA)	
5.8U	UG/KG	ENDOSULFAN II (BETA)	
5.8U	UG/KG	ENDOSULFAN SULFATE (MIXTURE)	/1
5.8U	UG/KG	CHLORDANE (TECH. MIXTURE)	
5.8U	UG/KG	PCB-1242 (CAROCLOL 1242)	
5.8U	UG/KG	PCB-1254 (CAROCLOL 1254)	
5.8U	UG/KG	PCB-1221 (CAROCLOL 1221)	
5.8U	UG/KG	PCB-1232 (CAROCLOL 1232)	
5.8U	UG/KG	PCB-1248 (CAROCLOL 1248)	
5.8U	UG/KG	PCB-1260 (CAROCLOL 1260)	
5.8U	UG/KG	PCB-1016 (CAROCLOL 1016)	
5.8U	UG/KG	TOKAPHENE ALDEHYDE	
5.8U	UG/KG	TCCDD(DIOXIN)	
0.12U	UG/KG	CHLORDENE /2	
--	UG/KG	CHLORDENE /2	
--	UG/KG	CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLOROANNE /2	
--	UG/KG	TRANS-CHLORODANE /2	
--	UG/KG	ALPHA-CHLORODANE /2	
--	UG/KG	CIS-CHLORODANE /2	
--	UG/KG	METHOXYPHENOL MOISTURE *	
NA			

\*\*\*FOOTNOTES\*\*\*

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- \*J= ESTIMATED VALUE \*N= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE LIMIT OF DETECTION.
- 1: WHEN '0' VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-E3D REG IV  
ATHENS GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO. I 83C2431      SAMPLE TYPE: MONWL

PROJECT NO. I 83-140      PROGRAM ELEMENTS: NSF  
SOURCE: 83&D SITE  
CITY: NASHVILLE      STATE: TN

STATION I D: 88-CFMWR81-01  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO.: 1652      ORG SAMPLE NO.: D 1412      INORG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS  
REMARKS

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01071
10U	UG/L	ARSENIC	01003
250	UG/L	BORON	01072
1000U	UG/L	BARIUM	01007
3U	UG/L	BERYLLIUM	01021
1U	UG/L	CADMIUM	01021
50U	UG/L	COBALT	01021
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01021
NA	UG/L	MOLYBDENUM	01064
40U	UG/L	NICKEL	01064
66	UG/L	LEAD	01054
20U	UG/L	ANTIMONY	01054
20U	UG/L	SELENIUM	01067
20U	UG/L	TIN	01021
NA	UG/L	STRONTIUM	01084
NA	UG/L	TELLURIUM	01162
NA	UG/L	TITANIUM	01162
10U	UG/L	THALLIUM	01162
2000U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
54	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	01162
5500	UG/L	ALUMINUM	01105
54	UG/L	MANGANESE	01093
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
5.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
	UG/L	CHROMIUM, HEXAVALENT	01032

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

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 \*J= ESTIMATED VALUE      \*X= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
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 THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO. I 83C2427      SAMPLE TYPE: AMBWA

PROJECT NO. I 83-140      PROGRAM ELEMENT: NSP  
SOURCE: BAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I D/I SS-C6RS1-01W  
STORET STATION NOT

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO. I 1652 ORG SAMPLE NO. I D 2133 INORG SAMPLE NO. I MD 125  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS  
REMARKS

SAMPLE LOG VERIFIED BY: TBS      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
140	UG/L	BORON	01024
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01034
100U	UG/L	CHROMIUM	01042
50U	UG/L	COPPER	01052
NA	UG/L	MOLYBDENUM	01067
40U	UG/L	NICKEL	01081
5U	UG/L	LEAD	01097
20U	UG/L	ANTIMONY	01147
20U	UG/L	SELENIUM	01102
20U	UG/L	TIN	01082
NA	UG/L	STRONTIUM	01064
NA	UG/L	TELLURIUM	01059
NA	UG/L	TITANIUM	01087
10U	UG/L	THALLIUM	01092
200U	UG/L	VANADIUM	01120
NA	UG/L	YTTRIUM	01094
10U	UG/L	ZINC	01162
NA	UG/L	ZIRCONIUM	01100
0.2U	UG/L	MERCURY	01105
160U	UG/L	ALUMINUM	01055
1600	UG/L	MANGANESE	00916
NA	MG/L	CALCIUM	00927
NA	MG/L	MAGNESIUM	00910
1.7	MG/L	IRON	00929
NA	MG/L	SODIUM	01032
	UG/L	CHROMIUM, HEXAVALENT	

\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES
- \*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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ANALYTIC MANAGEMENT SYSTEM

07/20/83

**DATA REPORTING SHEET**

SAMPLE TYPE: MONOL  
SAMPLE NO. 1 03C2429

PROGRAM ELEMENT: NSF  
PROJECT NO.: 83-140  
SOURCE: SAID SITE  
CITY: NASHVILLE  
STATE: TN

STATION 1014 SNOYANORET STATION NO!

COLLECTED BY: RFRANKLIN DATE/TIME: 00/00/00 RECEIVED FROM: DSI

CHEMISTIRES

ANALYTICAL METHODS  
CASE NO. 1652 ORG SAMPLE NO. D 2160 INORG SAMPLE NO. I MD 160  
CONTRACT LABORATORY (ORGANIC),  
CHART TECH

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\*\*\*\*\*FOOTNOTES\*\*  
\*A-AVERAGE VALUE  
\*B-ESTIMATED VALUE  
\*C-ACTUAL VALUE  
\*D-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2432      SAMPLE TYPE: MONWL

PROJECT NO: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFMWR81-03  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHODS:

CASE NO.: 1652 DRG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01074
10U	UG/L	ARSENIC	01002
100U	UG/L	BORON	01022
100U	UG/L	BARIUM	01004
3U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
3U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01064
5U	UGG/L	LEAD	01091
20U	UGG/L	ANTIMONY	01147
2U	UGG/L	SELENIUM	01102
40	UGG/L	TIN	01082
NA	UG/L	STRONTIUM	01064
NA	UG/L	TELLURIUM	01152
NA	UG/L	TITANIUM	01059
10U	UG/L	THALLIUM	01087
200U	UG/L	VANADIUM	01203
NA	UG/L	YTTRIUM	01092
10U	UG/L	ZINC	01152
NA	UG/L	ZIRCONIUM	71900
0.2U	UG/L	MERCURY	01103
100U	UG/L	ALUMINUM	01055
450	UG/L	MANGANESE	00916
NA	MG/L	CALCIUM	00927
NA	MG/L	MAGNESIUM	00929
0.6	MG/L	IRON	01032
NA	MG/L	SODIUM	
NA	UG/L	CHROMIUM, HEXAVALENT	

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

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0033

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-EOSO REGIV  
ATHENS, GEORGIA**

07/20/03

**DATA REPORTING SHEET**

SAMPLE NO. I 03C2425 SAMPLE TYPE I MONEL

PROJECT NO! 03-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE STATE: TN  
CITY: NASHVILLE  
STATION STATION NO!  
STATION ID# 65-CFMWRS1-04  
SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00  
COLLECTED BY: R FRANKLIN RECEIVED FROM REC  
SAMPLE REC'D DATE/TIME 00/00/00  
SEALED!

HEMISISTOL MAW  
ANALYTICAL METHOD

CASE NO! 1652 ORG SAMPLE NO! D O INORG  
CONTRACT LABORATORY(ORGANIC) I CHEM TECH  
CONTRACT LABORATORY(INORGANIC)

REMARKS

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SAMPLE LOG VERIFIED BY: Tse SAMPLE DATA VERIFIED BY: Han

REMARKS

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## ANALYTICAL RESULTS

\*AVERAGE VALUE \*AVERAGE VALUE \*NOT ANALYZED \*N/A=INTERFERENCE  
 +ESTIMATED VALUE +PRESUMPTIVE EVIDENCE OF PRESENCE OF WATER  
 -ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 =ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 @WATERFALLS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE NUMBER OF WATERFALLS ANALYZED FOR BUT NOT DETECTED.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

07/20/83

DATA REPORTING SHEET  
METALS

SAMPLE NO.: 83C2428      SAMPLE TYPE: MONOL

PROJECT NO.: 83-140      PROGRAM ELEMENT: N6F  
SOURCE: BAKO SITE  
CITY: NASHVILLE      STATE: TN  
STATION ID: 03-CRNMRS1-05  
STORRET STATION NO:  
SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00  
COLLECTED BY: R FRANKLIN      RECEIVED FROM: REC'D BY:  
SAMPLE REC'D: DATE/TIME 00/00/00  
SEALED:  
CHEMIST: HAW  
ANALYSTICAL METHOD:  
CASE NO.: 1652 DRC SAMPLE NO.: D 2159 INORG SAMPLE NO.: 40      182  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH  
REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TAB      SAMPLE DATA VERIFIED BY: MAN

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*-AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES  
\*\*-ESTIMATED VALUE      \*\*-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
@-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
@-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
100	UG/L	AGENIER
150	UG/L	ARSENIC
1000	UG/L	BARIUM
500	UG/L	BERYLLIUM
500	UG/L	COBALTUM
500	UG/L	COPROVUM
1500	UG/L	COPPER
4000	UG/L	MOLYBDENUM
NA	UG/L	NICKEL
740	UG/L	ANTIMONY
200	UG/L	BELLENIUM
NA	UG/L	CHROMIUM
NA	UG/L	FRONTONIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
1200	UG/L	ZIRCONIUM
100	UG/L	ZINCERONIUM
NA	UG/L	MERCURY
100	UG/L	ALUMINUM
2200	UG/L	MANGANESE
NA	UG/L	CALCIUM
10	UG/L	IRON
NA	UG/L	CHROMIUM, HEXAVALENT

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0,010 MG/L CYANIDE

STORET  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE STATE: TN

STATION ID: SS-CSR81-01W  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO.: D 2133 INORG SAMPLE NO.: MD 125  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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0035

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-PSD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.014 MG/L CYANIDE

STORED  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2425 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE STATE: TN  
CITY: NASHVILLE

STATION I.D.: 58-CFMWRS1-04  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: RPL CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO. D O INORG SAMPLE NO.: MD 181  
CONTRACT LABORATORY(ORGANIC):  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
\*J-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.01U MG/L CYANIDE

STORET  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE/ SAID SITE  
CITY/ NASHVILLE STATE/ TN

STATION ID: 55-CFMWRS1-05  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMISTI MAN CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159, INORG SAMPLE NO.: MD 182  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS  
REMARKS

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: MAM

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A=INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

0034  
0035

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE

STORET  
00720

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE/ SAID SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: 53-LNMWR51-06  
STORET STATION NO.: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO. D 2161 INORG SAMPLE NO.: MD 161  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA=NOT ANALYZED \*N/AI=INTERFERENCES  
\*J=ESTIMATED VALUE \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

003

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.01U MG/L CYANIDE

STORET  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE STATE: TN

STATION ID: 88-SBMWRS1-07  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: 0 2162 INORG SAMPLE NO.: MD 162  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2431      SAMPLE TYPE: MONOL

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFWRS1-J1  
SIURET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: FAM  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO.: D 1412      INDRG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	SIURET
100J	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROETHANE	34418
5U	UG/L	BROMOETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROMETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
45	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	(S)-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
5U	UG/L	AROMADORY	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
150U	UG/L	TOLUENE	34010
5U	UG/L	CHLORDRENZENE	34301
30U	UG/L	ETHYL BENZENE	34371
30U	UG/L	M-XYLENE	
	UG/L	O&P-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*  
\* AVERAGE VALUE      \*A-NOT ANALYZED      \*NA-INTERFERENCE  
\* U-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\* K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\* L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\* U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2427      SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140      PROGRAM ELEMENT: VSF  
SOURCE: SA&O SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CSRS1-01A  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: FAM  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO.: D 2133      INDRG SAMPLE NO.: MD 125  
CONTRACT LABORATORY(ORGANIC): XEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
5U	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
5U	UG/L	TOLUENE	34010
5U	UG/L	CHLOROBENZENE	34301
5U	UG/L	FETHYL BENZENE	34371
5U	UG/L	M-XYLOLF	
5U	UG/L	O&P-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\* A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES  
\* J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\* L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\* U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\* U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REGIV  
ATHENS, GEORGIA

07/27/83  
PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MANUAL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE CITY: NASHVILLE STATE: TN

STATION ID: SS-CFWRS1-03  
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
COLLECTED BY: F FRANKLIN RECEIVED FROM: REC'D BY:  
SAILED: REC'D DATE/TIME 06/06/00

REMARKS: FAKEMAN CHEMIST: FAKEMAN  
ANALYTICAL METHOD:  
CASE NO.: 1652 JPS SAMPLE NO.: D 1445 INORG SAMPLE NO.: MD 180  
CONTRACT LABORATORY(ORGANIC): FAD TECHNOLOGY  
CONTRACT LABORATORY(INKORGANIC): FAD TECHNOLOGY

REMARKS: SAMPLE LOG VERIFIED BY: FAB SAMPLE DATA VERIFIED BY: FAM

REMARKS: DATA SUSPECT BASED ON DUALITY CONVENTION USE FOR "SCREENING" ONLY!!

\*\*\*\*\*  
\*\*\*FOUR NOTES\*\*\*  
\*\*A-ANALYZED VALUE IS NOT ANALYZED \*N/A-INTERFERENCES  
\*\*J-ESTIMATED VALUE IS J-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-WATER WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
1000	UG/L	ACROLETIN	34210
1000	UG/L	CHLORODINITRIUF	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	VINYL CHLORIDE	34413
5U	UG/L	CHLOROETHANE	34415
5U	UG/L	METHYLENE CHLORIDE	34411
5U	UG/L	1,1-DICHLOROETHENE	34423
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34450
5U	UG/L	CHLOROFORM	34496
5U	UG/L	1,2-dichloroethane	34546
5U	UG/L	1,1-trichloroethane	34506
5U	UG/L	CAPRON TETRACHLORIDE	34506
5U	UG/L	BROMOCHLOROETHANE	34502
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRICHLOROETHENE	34699
5U	UG/L	BENZENE	34180
5U	UG/L	DIBROMOCHLOROMETHANE	34030
10U	UG/L	1,1,2-trichloroethane	34306
5U	UG/L	CIS-1,3-DICHLOROPROPENE	34511
5U	UG/L	2-BROMOETHYL VINYL ETHER	34576
5U	UG/L	BROMOFORM	342104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRAHALOETHENE	34475
5U	UG/L	TOLUENE	34410
5U	UG/L	CHLOROBENZENE	34505
5U	UG/L	ETHYL BENZENE	34501
5U	UG/L	M-XYLENE(MIXED)	34371
34371	UG/L	(E&P-XYLENE)	34371

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2434      SAMPLE TYPE: MONL

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFMARS1-04

STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:

SAFETY REC'D: DATE/TIME 00/00/00      REC'D BY:

SEALED:

CHEMIST: FAM

ANALYTICAL METHOD:

CASE NO.: 1052      DEG SAMPLE NO.: D-2207      INORG SAMPLE NO.: MD      0  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC):

REMARK:

REMARK: \

SAMPLE LOG VERIFIED BY: TSB      SAMPLE DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*

DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLDONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHANE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROMETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
5U	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
34	UG/L	TOLUENE	34010
5U	UG/L	CHLOROBENZENE	34301
5U	UG/L	ETHYL BENZENE	34371
5U	UG/L	M-XYLENE	
5U	UG/L	O&P-XYLENE(MIXED)	

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

120045

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2428      SAMPLE TYPE: MONW1

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFMWRS1-05  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: FAM  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2159      INDRG SAMPLE NO.: MD 162  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TEB      SAMPLE DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCUFFING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
11	UG/L	VINYL CHLORIDE	39175
110	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
75	UG/L	1,1-dichloroethane	34496
9.0	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
31	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
29	UG/L	BENZENE	34030
5U	UG/L	DICHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
800J	UG/L	TETRACHLOROETHENE	34475
5U	UG/L	TOLUENE	34010
120	UG/L	CHLORDIENZENE	34301
NA	UG/L	ETHYL BENZENE	
110	UG/L	M-XYLENE	
	UG/L	O&P-XYLENE(MIXED)	34371

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-TOTAL PREFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

1  
2  
0  
0  
4  
5

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433      SAMPLE TYPE: MONW

PROJECT NO.: H3-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-SSM&PSI-07  
STUDET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: FAN  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO.: D 2162      INDRG SAMPLE NO.: MD 162  
CO-TRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:   
REMARKS:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: FAN

\*\*\*EXPLANATIONS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STUDY
1000000	UG/L	ACROLEIN	34210
1000000	UG/L	ACRYLONITRILE	34215
50000	UG/L	CHLOROMETHANE	34418
50000	UG/L	BROMOMETHANE	34413
15000	UG/L	VINYL CHLORIDE	39175
50000	UG/L	CHLOROETHANE	34311
31000	UG/L	METHYLENE CHLORIDE	34423
50000	UG/L	1,1-DICHLOROETHENE	34501
50000	UG/L	1,1-dichloroethane	34496
160000	UG/L	TRANS-1,2-DICHLOROETHENE	34546
50000	UG/L	CHLOROFORM	32106
50000	UG/L	1,2-dichloroethane	32103
34000	UG/L	1,1,1-trichloroethane	34506
50000	UG/L	CARBON TETRACHLORIDE	32102
50000	UG/L	BROMODICHLOROMETHANE	32101
50000	UG/L	1,2-DICHLOROPROPANE	34541
50000	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
85000	UG/L	TRICHLOROETHENE	39180
50000	UG/L	BENZENE	34030
50000	UG/L	DIBROMOCHLOROMETHANE	34306
50000	UG/L	1,1,2-trichloroethane	34511
50000	UG/L	CIS-1,3-DICHLOROPROPENE	34704
50000	UG/L	2-CHLOROETHYL VINYL ETHER	34576
50000	UG/L	PROPOMFORM	32104
50000	UG/L	1,1,2,2-tetrachloroethane	34516
F2000	UG/L	TETRACHLOROETHENE	34475
9500	UG/L	TOLUENE	34010
20000	UG/L	CHLOROBENZENE	34301
40000	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
40000	UG/L	O&P-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE      MA-NOT ANALYZED      MAI-INTERFERENCES  
\*B-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*C-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*D-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*E-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

2  
0047

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433      SAMPLE TYPE: MONK

PROJECT NO.: 93-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-SSMRS1-07  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: FAM  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2162      INDRG SAMPLE NO.: MD 162  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK: \

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
100000U	UG/L	ACROLEIN	34210
100000U	UG/L	ACRYLONITRILE	34215
5000U	UG/L	CHLOROMETHANE	34418
5000U	UG/L	BROMOMETHANE	34413
15000	UG/L	VINYL CHLORIDE	39175
5000U	UG/L	CHLOROETHANE	34311
31000	UG/L	METHYLENE CHLORIDE	34423
5000U	UG/L	1,1-DICHLOROETHENE	34501
5000U	UG/L	1,1-dichloroethane	34496
160000	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5000U	UG/L	CHLOROFORM	32106
5000U	UG/L	1,2-dichloroethane	32103
34000	UG/L	1,1-trichloroethane	34506
5000U	UG/L	CARBON TETRACHLORIDE	32102
5000U	UG/L	BROMODICHLOROMETHANE	32101
5000U	UG/L	1,2-DICHLOROPROPANE	34541
5000U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
85000	UG/L	TRICHLOROETHENE	39180
5000U	UG/L	BENZENE	34030
5000U	UG/L	DIBROMOCHLOROMETHANE	34306
5000U	UG/L	1,1,2-trichloroethane	34511
5000U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5000U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
5000U	UG/L	BROMOFORM	32104
5000J	UG/L	1,1,2,2-tetrachloroethane	34516
82000	UG/L	TETRACHLOROETHENE	34475
9500	UG/L	TOLUENE	34010
2000J	UG/L	CHLOROBENZENE	34301
4000J	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
4000J	UG/L	O&P-XYLENE(MIXED)	

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*N-NOT ANALYZED      #N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

120043

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2431      SAMPLE TYPE: MANUAL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: ug/l	COMPOUND NAME
1290		ACETONE
200U		METHYL ETHYL KETONE
100		CARBON DISULFIDE
100U		METHYL BUTYL KETONE
100U		METHYL ISOBUTYL KETONE
5U		STYRENE
10U		VINYL ACETATE
NA		DICHLORODIFLUOROMETHANE
5U		FLUOROTRICHLOROMETHANE
100JN		7 UNIDENTIFIED COMPOUNDS

PROJECT NO.: 83-110      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFWKPSI-01  
STORET STATION #:

SAMPLE COLLECTION: START DATE/TIME 04/27/93  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO.: D 1412      INORG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(Organic):      MEAD TECHNOLOGY  
CONTRACT LABORATORY(Inorganic):      CHEM TECH

REMARK:  
REMARK: \

SAMPLE LOG VERIFIED BY: TBS      DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*RI-INTERFERENCE  
\*J-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

00047

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, NISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBKA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
100U	ACETONE
200U	METHYL ETHYL KETONE
100U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
5U	STYRFNE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5U	FLUOROTRICHLOROMETHANE

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01W  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO.: D 2133 INDRG SAMPLE NO.: VP 125  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK: \

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

0050

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2429      SAMPLE TYPE: MONWL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/L	COMPOUND NAME
200U		ACETONE
200U		METHYL ETHYL KETONE
10U		CARBON DISULFIDE
100U		METHYL BUTYL KETONE
100U		METHYL ISOBUTYL KETONE
5U		STYRENE
10U		VINYL ACETATE
NA		DICHLORODIFLUOROMETHANE
5U		FLUOROTRICHLOPOMETHANE

PROJECT NO.: R3-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFMARS1-02  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE, /TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652      PGS SAMPLE NO: D 2160      INORG SAMPLE NO.: MD 160  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK: \

SAMPLE LOG VERIFIED BY: TBS      DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

0054

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
640	ACETONE
200U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
SU	STYRENE
10U	VINYL ACETATE
VA	DICHLORODIFLUOROMETHANE
SU	FLUOROTRICHLOROMETHANE

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFWARS1-03  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE, / TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 DPG SAMPLE NO: D 1445 INORG SAMPLE NO.: "D" 180  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TES DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

0051

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2434      SAMPLE TYPE: MONWL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
300U	ACETONE
200U	METHYL ETHYL KETONE
100U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
5U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5U	FLUOROTRICHLOROMETHANE

PROJECT NO.: 83-130      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE      STATE: TN  
CITY: NASHVILLE

STATION I.D.: SS-7FMARS1-04  
SUBNET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SCALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652      SAMPLE NO.: D 2207      INORG SAMPLE NO.: MD      0  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC):

REMARK: \

SAMPLE LOG VERIFIED BY: TBB      DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATLANTA, GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONW

PROJECT NO.: R3-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE STATE: TN  
CITY: NASHVILLE

STATION I.D.: SS-CFMARS1-05  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE, /TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 JAG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK: \

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
920	ACETONE
2000	METHYL ETHYL KETONE
100	CARBON DISULFIDE
1000	METHYL BUTYL KETONE
1000	METHYL ISOBUTYL KETONE
5U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5U	FLUOPOTRICHLOPOMETHANE
20JN	METHYLPROPANOL
8JN	METHYL PENTENE
30JN	METHYL CYCLOHEXANE
10JN	1 UNIDENTIFIED COMPOUND

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

07/27/83      PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2430      SAMPLE TYPE: MONWL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/L	COMPOUND NAME
3700		ACETONE
2000U		METHYL ETHYL KETONE
100J		CAPRON DISULFIDE
1000U		METHYL BUTYL KETONE
1000U		METHYL ISOBUTYL KETONE
50I		STYRENE
100U		VINYL ACETATE
NA		DICHLORODIFLUOROMETHANE
50U		FLUOROTRICHLOROMETHANE

PROJECT NO.: 83-110      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-LWWRS1-06  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652      TBS SAMPLE NO: D 2161      INOPC SAMPLE NO.: MD 161  
CONTRACT LABORATORY(ORGANIC): XEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK: \

SAMPLE LOG VERIFIED BY: TBS      DATA VERIFIED BY: FAM

\*\*REMARKS\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NL-INTERFERENCES  
\*J-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, FFC IV  
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433      SAMPLE TYPE: MONKI

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: ug/l	COMPOUND NAME
100000U	ACETONE	
200000U	METHYL ETHYL KETONE	
100000U	CARBON DISULFIDE	
100000U	METHYL BUTYL KETONE	
100000U	METHYL ISOBUTYL KETONE	
5000J	STYRENE	
10000U	VINYL ACETATE	
VA	DICHLORODIFLUOROMETHANE	
5000U	FLUOROTRICHLOROMETHANE	

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-SS4ARS1-07  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: F FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE,/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2162      INDRG SAMPLE NO.: "D" 162  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(IMORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBR      DATA VERIFIED BY: FAM

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*AI-INTERFERENCES  
\*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET

SAMPLE NO.: 03C2431 SAMPLE TYPE: WCNW

PROJECT #: 83-110 PROGRAM ELEMENT: NSF  
SOURCE: SAU SITE STATE: TN  
CITY: NASHVILLE

STATION ID# : SS-544RS1-01

SLUGER STATION #: 40:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 06/06/00

COLLECTED BY: P FRANKLIN RECEIVED FROM: REC'D BY:  
SAMPLE REC'D: DATE/TIME 06/06/00

SEALED:

CHEMIST: JWS

ANALYSTIC METHOD:

CASE NO.: 1652-225 SAMPLE #: 01412 INORG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(SPECIFIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(COMPANY): CDEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JWS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
400	UG/L	N-NITROSODIMETHYLAMINE
800	UG/L	1,2-DIPHENYLYHYDRAZINE/AZOBENZENE
200	UG/L	RENZOLINE
200	UG/L	1,3-DICHLOROBENZENE
200	UG/L	1,4-DICHLOROBENZENE
200	UG/L	BIS(2-CHLOROETHYL) ether
200	UG/L	HEXACHLOROETHANE
400	UG/L	BIS(2-CHLOROISOPROPYL) ether
400	UG/L	DINITROSODIM-PROPYLAmine
200	UG/L	NITROBENZENE
200	UG/L	1,2,4-TRICHLOROBUTADIENE
200	UG/L	NAPHTHALENE
400	UG/L	BIS(2-CHLOROETHOXY) methane
200	UG/L	ISOPHORENE
200	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCCP)
200	UG/L	2-CN1ORONAPHTHALENE
200	UG/L	ACENAPHTHYLENE
200	UG/L	ACENAPHTHENE
200	UG/L	DIMETHYL PHthalate
400	UG/L	2,4-dinitrotoluene
400	UG/L	2,6-dinitrotoluene
200	UG/L	4-chlorophenyl phenyl ether
200	UG/L	FLUORFENE
200	UG/L	DIETHYL PHthalate
200	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLamine
200	UG/L	HEXA-CHLOROGENFENE (HCCB)
200	UG/L	4-DIOTOPHENYL phenyl ether
200	UG/L	ANTHRACENE
200	UG/L	DI-N-BUTYLPHthalate
200	UG/L	FLUORBUTENE
200	UG/L	PYRENE
200	UG/L	BENZYL BUTYL PHthalate
200	UG/L	BIS(2-ETHYLHEXYL) phthalate
400	UG/L	CHRYSENE
200	UG/L	3,3'-dichlorobiphenyl
200	UG/L	4-(1,2,3,4-tetraphenyl)cyclohexene
400	UG/L	4FENZO(B AND/OR K)FLUORANTHENE(TOTAL)
400	UG/L	4FENZO(C AND/OR K)FLUORANTHENE(TOTAL)
400	UG/L	BENZO-A-PYRENE
400	UG/L	INDENO(1,2,3-CD) PYRENE
400	UG/L	DIBENZO(A,H)ANTHACENE
400	UG/L	DIBENZO(CHI)PERYLENE
200	UG/L	2-chlorophenoxy
31	UG/L	2-nitrophenol
200	UG/L	PHENOL
200	UG/L	2,4-dimethylphenol
200	UG/L	2,4-dichlorophenol
200	UG/L	2,4-dichloroethene
400	UG/L	4-CHLOROP-3-METHYLPHENOL
1000	UG/L	2,4-dinitrophenol
400	UG/L	2-METHYL-4,6-DINITROPHENOL
2000	UG/L	FENTACHLOROPHENOL
34646	UG/L	4-nitrophenol

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\*\*\*\*\*FOUNDOES\*\*\*\*\*  
\*A-APLAC VALUE \*NA-NOT ANALYZED  
\*J-ESTIMATED VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*K-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*L-ANALYTICAL MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

FPA-FSD PEG IV  
ATHENS GEORGIA

07/27/83

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMWWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAIC SITE: CITY: NASHVILLE STATE: TN

STATION ID: SS-2581-014

SUBMIT STATION: NJ

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 05/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: RY:

SAMPLE REC'D: DATE/TIME 05/00/00 RECEIVED BY:

SEALED:

CHEMIST: JVS

ANALYTICAL METHOD:

CAST NO.: 1052 TRG SAMPLE NO.: D 2133 TDSK, Sample MU.: NO 125

CONTRACT LABORATORY(ORGANIC): CHEM TECH

REMARK: ✓

SAMPLE LOG VERIFIED BY: RAB DATA VERIFIED BY: JVS

\*\*\*REMARKS\*\*\* USE OF "SCREENING" ONLY!  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!

\*\*\*\*\*  
 \*\*\*FOOTNOTES\*\*\*  
 \*ANALYZED VALUE IS THE SUMMATIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*TESTIMONIAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*UNVALUED VALUES INDICATE NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
400	UG/L	N-NITROSODIMETHYLAMINE	344348
800	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	343346
200	UG/L	BENZODIENE	39120
200	UG/L	1,3-DICHLOROBENZENE	34566
200	UG/L	1,4-DICHLOROBENZENE	4571
200	UG/L	1,2-dichloroethene	34536
200	UG/L	bis(2-chloroethyl) ether	34273
400	UG/L	HEXAHALOETHANE	34396
400	UG/L	bis(2-chloroisopropyl) ether	34283
200	UG/L	NITROSOADI-N-PROPYLAINE	34428
200	UG/L	HEXAHALOBUTADIENE	34427
200	UG/L	HEXAHALOCHLOROBUTADIENE	34426
200	UG/L	1,2,4-trichlorobenzene	34502
200	UG/L	NAPHTHALENE	34696
400	UG/L	bis(2-chloroethoxy) methane	34278
200	UG/L	ISOPHORONE	34086
200	UG/L	HEXAHALOCYCLOPENTADIENE (HCCP)	34386
200	UG/L	2-Chloronaphthalene	34386
200	UG/L	ACENAPHTHYLENE	34381
200	UG/L	ACENAPHTHENE	34505
200	UG/L	2,4-dinitrotoluene	34200
400	UG/L	2,6-dinitrotoluene	34311
200	UG/L	DIMETHYL PHthalate	34311
200	UG/L	HEXAHALOCHLOROBENZENE (HCA)	34311
200	UG/L	4-Chlorophenyl phenyl ether	34311
200	UG/L	DIETHYL PHthalate	34311
200	UG/L	N,N-DIISOPROPYLPHENYLAMINE/DIPHENYLAMINE	34311
200	UG/L	HEXAHALOCHLOROBENZENE (HCA)	34311
200	UG/L	4-Chlorophenyl phenyl ether	34311
200	UG/L	ANTHRACENE	34311
200	UG/L	2,6-DINITROPHthalate	34311
200	UG/L	FLUORANTHENE	34311
200	UG/L	PYRENE	34311
200	UG/L	PENZYL BUTYL PHthalate	34311
200	UG/L	bis(2-ethylhexyl) phthalate	34311
200	UG/L	CHRYSENE	34311
400	UG/L	3,3'-BIS(2-CHLOROBENZIDINE)	34311
400	UG/L	2,6-DINITROPHthalate	34311
400	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	34311
400	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	34311
400	UG/L	RENZO-A-PYRENE	34311
400	UG/L	INDENO(1,2,3-CD) PYRENE	34311
400	UG/L	DIBENZO(A,H)ANTHRACENE	34311
400	UG/L	2-CHEMOPHENYL	34311
200	UG/L	BENZO(G,H)PERYLENE	34311
400	UG/L	2-Chlorophenol	34311
200	UG/L	PHENOL	34311
200	UG/L	2,4-dimethylphenol	34311
200	UG/L	2,4-dichlorophenol	34311
200	UG/L	2,4-dichlorophenol	34311
400	UG/L	4-Chloro-3-Methylphenol	34606
400	UG/L	2,4-dinitrophenol	34606
1000	UG/L	2,4-dinitrophenol	34606
400	UG/L	PENTACHLOROPHENOL	34606
400	UG/L	4-nitrophenol	34606

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-HSD PFG IV  
ATHENS, GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET

SAMPLE ID.: A3C2429 SAMPLE TYPE: UNKNOWN

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

STATION: SAAD SITE STATE: TN

CITY: NASHVILLE

STATION ID #: SS-SP-102

SOURCE: STORED DATE: 04/27/83

SAMPLE COLLECTION: START DATE/TIME: 00/00/00

SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: R. FRAZER KLINE RECEIVED FROM: REC'D BY:

SAVED: 00/00/00

CHIMIST: J.S. ANALYTICAL METHOD:

CASE NO.: 1652 JPS SAMPLE NO.: D 2160 INTRC SAMPLE NO.: D 160

CONTACT: L. E. KARL (SAGA/CHIC) VENCO TECHNOLOGY

CONTRACT LABORATORY (ORGANIC): CHEM TECH

REMARKS:

SAMPLE LOC. VERIFIED BY: TPA DATA VERIFIED BY: JWS

\*\*\*REMARKS\*\*\* DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SPECIFYING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
1.0	UG/L	N-NITROSODIMETHYLAMINE
400	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
600	UG/L	BENZODINE
200	UG/L	1,3-DICHLOROBENZENE
345216	UG/L	1,4-DICHLOROBENZENE
345217	UG/L	1,2-dichloroethane
345218	UG/L	bis(2-chloroethyl) ether
345219	UG/L	HEXACHLOROBUTANE
345220	UG/L	DIS(2-CHLOROISOPROPYL) ETHER
345221	UG/L	N-NITROSO-DIMINOPROPYLAMINE
345222	UG/L	NITROBENZENE
345223	UG/L	1,2,4-trichlorobutadiene
345224	UG/L	NAPHTHALENE
345225	UG/L	DISOPHORONE
345226	UG/L	HFXYACLOPOCYCLOCYCLOPENTADIENE (HCCP)
345227	UG/L	2-CHLOROTRIPHENYLCHLORINE
345228	UG/L	ACENAPHTHYLENE
345229	UG/L	ACENAPHTHENE
345230	UG/L	DIMETHYL PHTHALATE
345231	UG/L	2',4'-dinitrotoluene
345232	UG/L	2',6'-dinitrotoluene
345233	UG/L	4-chlororhenyl phenyl ether
345234	UG/L	FLUORENE
345235	UG/L	DIETHYL PHTHALATE
345236	UG/L	N-NITROSONDIPHENYLAMINE/DIPHENYLAMINE
345237	UG/L	HEXA-CHLOROBENZENE (HCB)
345238	UG/L	4-DROMPHENYL phenyl ether
345239	UG/L	PHENANTHRENE
345240	UG/L	ANTHRA-CE-N
345241	UG/L	DI-Y-TRIYL PHTHALATE
345242	UG/L	FLUORAN-THENE
345243	UG/L	PYRENE
345244	UG/L	BENZYL BUTYL PHTHALATE
345245	UG/L	DIS(2-ethylhexyl) phthalate
345246	UG/L	DINENZO(A,THA-XXENE)
345247	UG/L	CHRYSENE
345248	UG/L	3,3'-dichlorobenzidine
345249	UG/L	DIMATYL PHTHALATE
345250	UG/L	RENZO(A AND/OR K) FLUORANTHENE(TOTAL)
345251	UG/L	RENZO(B AND/OR K) FLUORANTHENE(TOTAL)
345252	UG/L	BENZO-A-PYRENE
345253	UG/L	INDENO((1,2,3-CD) PYRENE
345254	UG/L	BENZO(G,H) ANTHRACENE
345255	UG/L	2-CHLOROPHENOL
345256	UG/L	2-nitrophenol
345257	UG/L	PHENOL
345258	UG/L	2,4-dimethylphenol
345259	UG/L	2,4-dichlorophenol
345260	UG/L	2,4-dichlorophenol
345261	UG/L	2,4,6-trichlorophenol
345262	UG/L	2,4,6-trichlorophenol
345263	UG/L	4-CHLORO-3-METHYLPHENOL
345264	UG/L	2,4-dinitrophenol
345265	UG/L	2,4-dinitrophenol
345266	UG/L	2,4-dinitrophenol
345267	UG/L	2,4-dinitrophenol
345268	UG/L	PENTACHLOROPHENOL
345269	UG/L	4-nitrophenol

\*\*\*\*\*NOTES\*\*\*\*\*

- \*A=NOT ANALYZED \*N=A-INTERFERENCES
- \*A-AVERAGE VALUE \*N=SUMMARY EVIDENCE OF MATERIAL
- \*J=STANDARD VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-WATER WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

PROJECT NO.: RJ-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE STATE: TN

STATION I.D.: SS-CF-WPS1-03  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: JMS  
ANALYTICAL METHOD:

CASE NO.: 1652 DFG SAMPLE NO: D 1445 INORG SAMPLE NO.: ND 180  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
400	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
800	UG/L	BENZIDINE	39120
200	UG/L	1,3-DICHLOROBENZENE	34566
200	UG/L	1,4-DICHLOROBENZENE	34571
200	UG/L	1,2-dichlorobenzene	34536
200	UG/L	bis(2-chloroethyl) ether	34273
200	UG/L	HEXACHLOROETHANE	34396
400	UG/L	bis(2-chloroisopropyl) ether	34283
400	UG/L	N-NITROSDODI-M-PROPYLAMINE	34428
200	UG/L	NITROBENZENE	34447
200	UG/L	HEXAChLOROBUTADIENE	39702
200	UG/L	1,2,4-trichlorobenzene	34551
200	UG/L	NAPHTHALENE	34696
400	UG/L	bis(2-chloroethoxy) methane	34278
200	UG/L	ISOPHORONE	34408
200	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)	34386
200	UG/L	2-chloronaphthalene	34581
200	UG/L	ACENAPHTHYLENE	34200
200	UG/L	ACENAPHTHENE	34205
400	UG/L	DIMETHYL PHTHALATE	34341
200	UG/L	2,4-dinitrotoluene	34611
400	UG/L	2,6-dinitrotoluene	34626
200	UG/L	4-chlorophenyl phenyl ether	34641
200	UG/L	FLUORENE	34381
200	UG/L	DIETHYL PHTHALATE	34336
200	UG/L	N-NITROSDIPHENYLAMINE/DIPHENYLAMINE	34433
200	UG/L	HEXAChLOPOBENZENE (HCB)	39700
200	UG/L	4-propophenyl phenyl ether	34636
200	UG/L	PHENANTHRENE	34461
200	UG/L	ANTHRACENE	34220
200	UG/L	DI-N-BUTYL PHTHALATE	39110
200	UG/L	FLUORANTHENE	34376
200	UG/L	PYRENE	34469
200	UG/L	BENZYL BUTYL PHTHALATE	34292
200	UG/L	bis(2-ethylhexyl) phthalate	39100
400	UG/L	BENZO(A)ANTHRACENE	34526
200	UG/L	CHRYSENE	34320
400	UG/L	3,3'-dichlorobenzidine	34631
200	UG/L	DI-N-OCTYL PHTHALATE	34596
400	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
400	UG/L	BENZO(B AND/OR K)FLUORANThENE(TOTAL)	
400	UG/L	BFNzo-A-PYRENE	34247
400	UG/L	INDE40 (1,2,3-CD) PYRENE	34403
400	UG/L	DIRENZO(A,H)ANTHRACENE	34556
400	UG/L	BENZO(GHI)PERYLENE	34521
200	UG/L	2-chlorophenol	34586
400	UG/L	2-nitrophenol	34591
200	UG/L	PHENOL	34694
200	UG/L	2,4-dimethylphenol	34606
200	UG/L	2,4-dichlorophenol	34601
200	UG/L	2,4,6-trichlorophenol	34621
400	UG/L	4-CHLORO-3-METHYLPHENOL	34452
1000	UG/L	2,4-dinitrophenol	34616
400	UG/L	2-methyl-4,6-dinitrophenol	34657
400	UG/L	PENTACHLOROPHENOL	39032
2000	UG/L	4-nitrophenol	34646

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## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV  
ATHENS GEORGIAEXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE #: 03C2434    SAMPLE TYPE: WCNW

PROJECT #: R3-140    PROGRAM ELEMENT: NSF

SOURCE: SAID SITE    CITY: NASHVILLE

STATE: TN    STORED:

STATION ID: SS-CFWPS1-04

STORE STATION #: 200

SAMPLE COLLECTION: START DATE/TIME 04/27/93

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN    RECEIVED FROM: REC'D BY:

SEALED: 00/00/00

ANALYST: J-S

ANALYTICAL METHOD:

CASE NO.: 1052    SAMPLE NO.: 52207    INORG SAMPLE NO.: MD 0  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC):

REMARK:

SAMPLE LOG VERIFIED BY: RBR    DATA VERIFIED BY: JVS

\*\*\*HARSHES\*\*\*  
DATA SUBJECT BASED ON QUALITY CONTROL USE FOR "SCREENING" ONLY!!

\*\*\*\*\*  
 \*FOOTNOTES\*\*  
 \*A-AVERAGE VALUE    \*A-NOT ANALYZED    \*A1-INTERFERENCE  
 \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-UNAVAILABLE WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THF VISION 144 DETECTION LIMIT.  
 \*\*\*\*\*

RESULTS UNITS COMPOUND STORED  
 MA UG/L N-NITROSDIMETHYLAMINE 34346  
 400 UG/L 1,2-DIPHENYLHYDRAZINE AZORENZENE 34346  
 800 UG/L BENZIDINE 39120  
 200 UG/L 1,3-DICHLOROBENZENE 34566  
 200 UG/L 1,4-DICHLOROBENZENE 34571  
 200 UG/L 1,2-dichlorobenzene 34536  
 200 UG/L bis(2-chloroethyl) ether 34273  
 200 UG/L HEXACHLOROETHANE 34396  
 400 UG/L bis(2-chloroethyl)isopropylamine 34283  
 200 UG/L N-nitrosodi-n-propylamine 34428  
 200 UG/L NITROBENZENE 34447  
 200 UG/L NITROCHLOROBUTADIENE 39702  
 200 UG/L 1,2,4-trichlorobenzene 34551  
 200 UG/L ISOPHORONE 3456  
 200 UG/L HEXACHLOROCYCLOPENTADIENE (HCCP) 34696  
 200 UG/L NAPHTHALENE 34696  
 200 UG/L 2-(2-chlorophenoxy) methane 34200  
 200 UG/L ACENAPHTHYLENE 34205  
 200 UG/L ACENAPHTHENE 34205  
 200 UG/L DIMETHYL PHTHALATE 34341  
 400 UG/L 2,4-dinitrotoluene 34611  
 200 UG/L 2,6-dinitrotoluene 34626  
 200 UG/L 4-chlorophenyl phenyl ether 34641  
 200 UG/L FLUOROFNE 34381  
 200 UG/L DIETHYL PHTHALATE 34436  
 200 UG/L N,NITROSDIMETHYLAMINE/DIPHENYLAMINE 34433  
 200 UG/L HEXACHLOROPHENYLAMINE (HCB) 39700  
 200 UG/L 4-bromononyl phenyl ether 34636  
 200 UG/L PHENANTHREN 3461  
 200 UG/L ANTHRACENE 34220  
 200 UG/L DI-N-QUATLPHTHALATE 39110  
 200 UG/L FLUORANTHENE 34376  
 200 UG/L PYRENE 34469  
 200 UG/L BENZYL BUTYL PHTHALATE 34292  
 200 UG/L DIS(2-ETHYLHEXYL) phtalate 39100  
 200 UG/L BENZO(A)ANTHRACENE 34526  
 200 UG/L CHRYSENE 34320  
 200 UG/L 3,3'-dichlorobenzidine 34631  
 200 UG/L DI-N-OCTYLPHTHALATE 34596  
 200 UG/L BENZO(B AND/OR K)FLUORANTHENE(TOTAL) 34292  
 200 UG/L BENZO(B AND/OR K)FLUORANTHENE(TOTAL) 34521  
 200 UG/L BENZO-A-PYRENE 34403  
 200 UG/L INDENO[1,2,3-CD] PYRENE 34403  
 200 UG/L BENZO(A,H)ANTHRACENE 34556  
 200 UG/L BENZO(G,H,I)PERYLENE 34521  
 200 UG/L 2-chlorophenol 34586  
 200 UG/L 2-nitrophenol 34591  
 200 UG/L PHENOL 34694  
 200 UG/L 2,4-dimethylphenol 34606  
 200 UG/L 2,4-dichlorophenol 34601  
 200 UG/L 2,4,6-trichlorophenol 34621  
 200 UG/L 4-Chloro-3-methylphenol 34556  
 400 UG/L 2,4-dinitrophenol 34616  
 1000 UG/L 2-METHYL-4,6-DINITROPHENOL 34657  
 400 UG/L PENTACHLOROPHENOL 34632  
 200 UG/L 4-nitrophenol 34646

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS COMPOUND STORED

STORED

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPAT-SD REGIV  
ATHENS, GEORGIA

07/27/93 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: WDNWL

PROJECT NO.: B3-110 PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE STATE: TN

STATION NUMBER: 1055-CFWAP51-05

SAMPLE COLLECTION: START DATE/TIME 04/27/93

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN RECEIVED FROM: REC'D BY:  
SAMPLE REC'D: DATE/TIME: 06/00/00  
SEALED:

CHEMIST: JWS  
ANALYTICAL METHOD:

CASE NO.: 105270G SAMPLE NO.: D 2159 IHCRC SAMPLE NO.: MD 1R2  
CONTRACT LABORATORY(ORGANIC): WEAD TECHNOLGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

SAMPLE LOG VERIFIED BY: JWS  
DATA VERIFIED BY: JWS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCIPPING" ONLY!!

\*\*\*FOOTNOTES\*\*\*  
\*AVERAGE VALUE \*A-NOT ANALYZED \*A1-INTERFACES  
\*A-ESTIMATED VALUE \*I-PRESUMPTIVE EVIDENCE OF MATERIAL  
\*P-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
N/A	UG/L	N-NITROSDIMETHYLAMINE
400	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBEBENZENE
200	UG/L	BENZODINE
200	UG/L	1,3-DICHLOROBENZENE
200	UG/L	1,4-DICHLOROBENZENE
200	UG/L	1,2-DICHLOROBENZENE
200	UG/L	DLS (2-CHLOROETHYL) ether
200	UG/L	HEXA(2-CHLOROETHYL) ether
200	UG/L	BIS(2-CHLOROISOPROPYL) ether
200	UG/L	N-NITROSDI-N-PROPYLAMINE
200	UG/L	NITROREZENE
200	UG/L	HFACHLOROBUTADIENE
200	UG/L	1,2,4-TRICHLOROBENZENE
200	UG/L	NAPHTHALFENE
200	UG/L	DIS(2-CHLOROETHoxy) methane
200	UG/L	ISOPHORONE
200	UG/L	HEXACHLORUCYCLOCLOPENTADIENE (HCCP)
200	UG/L	2-CN1,3,5,6-tetraonaphthalene
200	UG/L	CCN1,3,5,6-tetraonaphthalene
200	UG/L	ACENAPHTHENE
200	UG/L	DIETHYL PHthalate
200	UG/L	2,4-dinitrotoluene
200	UG/L	2,6-dinitrotoluene
200	UG/L	4-chlorophenyl phenyl ether
200	UG/L	FLUORENE
200	UG/L	DETHYL PHthalate
200	UG/L	N-NITROSDIPHENYLAMINE/DIPHENYLAMINE
200	UG/L	HEXACHLOROBENZENE (HCB)
200	UG/L	4-BROMODODENYL Phenyl ether
200	UG/L	4-CHLORODENYL Phenyl ether
200	UG/L	ANTHRACENE
200	UG/L	DI-4-BUTYLPHthalate
200	UG/L	FLUORANTHENE
200	UG/L	PYENE
200	UG/L	BENZYL BENZYL PHthalate
200	UG/L	BIS(2-ETHYLHEXYL) PHthalate
200	UG/L	BENZO(A)ANTHRACENE
200	UG/L	CHRYSENE
200	UG/L	3,3'-4-CHLOROBENZIDINE
200	UG/L	DI-4-CHLOROPHTHALATE
200	UG/L	BFK20(B AND/OR K)FLUORANTHENE (TOTAL)
--	UG/L	BFK20(B AND/OR K)FLUORANTHENE (TOTAL)
400	UG/L	BENZO-A-PYRENE
400	UG/L	INDENO[1,2,3-CD] PYRENE
400	UG/L	DIAENO[1,2,3-CD] ANTHRACENE
400	UG/L	BENZO[GHI]PERYLENE
400	UG/L	2-CHLOROPHENOL
400	UG/L	2-DINITROPHENOL
200	UG/L	PHENOL
200	UG/L	2,4-dimethylphenol
200	UG/L	2,4-dichlorophenol
200	UG/L	2,4,6-trichlorophenol
400	UG/L	2,4-CHLORO-3-METHYLPHENOL
400	UG/L	2,4-dinitrophenol
400	UG/L	2-METHYL-4,6-DINITROPHENOL
400	UG/L	PENTACHLOROPHENOL
2000	UG/L	4-nitrophenol

1 2 0062

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: WDNAL

PROJECT #: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE: TN  
CITY: NASHVILLE STATE: TN  
STATION ID: SS-LUMARS1-06  
STORE STATION #: 1  
SAMPLE COLLECTION #: START DATE/TIME 04/27/83  
SAMPLE COLLECTION #: STOP DATE/TIME 00/00/00  
COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:  
SAMPLE REC'D: DATE/TIME 00/00/00  
SEALED:  
CHEMIST: JNS ANALYTICAL METHOD:  
CASE NO.: 1652 JRS SAMPLE #: 0 2161 INORG SAMPLE NC.: MD 161  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH  
REMARK:  
REMARK:  
SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JWS  
\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON DUALITY CONTROL--USE FOR "SPECIALLY" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
NA	UG/L	N-NITROSO-DIMETHYLAMINE
40000	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
80000	UG/L	BENZODIENE
200000	UG/L	1,3-DICHLOROBENZENE
200000	UG/L	1,4-DICHLOROBENZENE
400000	UG/L	BIS(2-chloroethyl) ether
200000	UG/L	HEXACHLOROETHANE
400000	UG/L	BIS(2-chloroethyl)-N-PROPYL Ether
200000	UG/L	NITROSO-DIMETHYLAMINE
200000	UG/L	NITROCHLOROBUTADIENE
200000	UG/L	1,2-TCIChlorobenzene
400000	UG/L	NAPHTHALENE
200000	UG/L	BIS(2-chloroethoxy) methane
200000	UG/L	ISOPHORONE
200000	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HC5CP)
200000	UG/L	2-Chloronaphthalene
200000	UG/L	ACENAPHTHYLENE
200000	UG/L	ACENAPHTHENE
200000	UG/L	DIETHYL PHTHALATE
200000	UG/L	2,4-dinitrotoluene
400000	UG/L	2,6-dinitrotoluene
400000	UG/L	4-chlorophenyl phenyl ether
200000	UG/L	FLUORENE
200000	UG/L	DIETHYL PHTHALATE
200000	UG/L	N-NITROSO-DIPHENYLAMINE/DIPHENYLAMINE
200000	UG/L	HEXA-CHLOROBENZENE (HC8)
200000	UG/L	4-bromophenyl phenyl ether
200000	UG/L	PHENANTHRENE
200000	UG/L	ANTHRACENE
200000	UG/L	DI-N-Butyl PHTHALATE
200000	UG/L	FLUORANTHENE
200000	UG/L	PYRENE
200000	UG/L	BENZYL BUTYL PHTHALATE
200000	UG/L	BIS(2-ethylhexyl) orthoalate
200000	UG/L	BENZO(A)ANTHRACENE
200000	UG/L	CHRYSENE
200000	UG/L	DI-4-CHLOROBENZIDINE
400000	UG/L	DI-4-OCTYL PHTHALATE
400000	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)
-	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)
400000	UG/L	INDENO(1,2,3-CD) PYRENE
400000	UG/L	DIPENZO(A,H)PERYLENE
400000	UG/L	BENZO(GH)PERYLENE
100000	UG/L	2-Chlorophenol
200000	UG/L	2-Dinitrophenol
100000	UG/L	Phenol
100000	UG/L	2,4-dimethylphenol
100000	UG/L	2,4-dichlorophenol
100000	UG/L	2,4,6-trichlorophenol
100000	UG/L	4-Chloro-2-methylphenol
200000	UG/L	2,4-dinitrophenol
500000	UG/L	2-Methyl-4,6-dinitrophenol
200000	UG/L	PENTACHLOROPHENOL
100000	UG/L	4-nitrophenol

\*\*\*FOOTNOTES\*\*\*

- \*AVERAGE VALUE \*VA=NOT ANALYZED \*MA=INTERFERENCE
- \*J-ESTIMATED VALUE \*M-PRESUMPTIVE EVIDENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE VIKING DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: WNW

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE STATE: TN  
CITY: NASHVILLE STATION NO.:  
STATION ID: SS-554KPS1-07

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 05/06/83

COLLECTED BY: R FRANKLIN RECEIVED FROM: D EY:  
SAMPLE REC'D: DATE/TIME: 00/00/00  
SEALED:

CHEMIST: JWS

ANALYTICAL METHOD:

CASE NO.: 1652 DFT SAMPLE NO.: D 2162 LYNG SAMPLE NO.: ND 162  
CONTRACT LABORATORY(ORGANIC): VEAR TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JWS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!:  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!:

REMARK: - BENZO-A-PYRENE  
REMARK: - BENZO-C-ANTHRACENE  
REMARK: - BENZO-D-ANTHRACENE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*AVERAGE VALUE, \*NA=NOT ANALYZED \*N/A=INTERFERENCE  
\*J=ESTIMATED VALUE, \*N=PRELIMINARY EVIDENCE OF PRESENCE OF MATERIAL.  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=FAKEPIAL VALUE ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE NUMBER WITHIN DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
NA	UG/L	N-NITROSO-DIMETHYLHYDRAZINE/ANISOBENZENE
800	UG/L	BENZODINE
1600	UG/L	1,3-DICHLOROBENZENE
400	UG/L	1,4-DICHLOROBENZENE
400	UG/L	1,2-DICHLOROBENZENE
400	UG/L	DIBIS(2-CHLOROETHYL) ether
400	UG/L	HEXA(2-CHLOROETHANE)
800	UG/L	DIBIS(2-CHLOROISOPROPYL) ether
6000	UG/L	N-NITROBENZENE
400	UG/L	HEXACHLOROBUTADIENE
400	UG/L	HEXACHLOROCHLOROBENZENE
130	UG/L	1-NAPHTHALENE
800	UG/L	DIBIS(2-CHLOROETHoxy) methane
400	UG/L	ISOPHORONE
400	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
400	UG/L	2-CHLORTOLUENE
400	UG/L	ACENAPHTHENE
400	UG/L	DIMETHYL PHthalate
400	UG/L	2,4-dinitrotoluene
800	UG/L	2,6-dinitrotoluene
400	UG/L	4-chlorophenyl phenyl ether
400	UG/L	FLUORENE
400	UG/L	DIETHYL PHthalate
400	UG/L	N-NITROSO-DIMETHYLPHENYLAMINE/DIPHENYLAMINE
400	UG/L	ACENAPHTHENE
400	UG/L	HEXACHLOROBENZENE (HCB)
400	UG/L	4-BROMODODENYL phenyl ether
86	UG/L	ANTHRACENE
400	UG/L	DI- <i>N</i> -BUTYL PHthalate
200	UG/L	FLUORANTHENE
400	UG/L	PYRENE
400	UG/L	BENZYL BUTYL PHthalate
600	UG/L	BENZO(2-ethylhexyl) PHthalate
400	UG/L	BENZO(A)ANTHRACENE
600	UG/L	CHRYSENE
400	UG/L	3,3'-dichlorobenzidine
400	UG/L	D-1- <i>N</i> -DICHLOROBENZAL
400	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)
400	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)
400	UG/L	RENZO-A-PYRENE
800	UG/L	RENZO(1,2,3-CDA) PYRENE
400	UG/L	DIRENZO(A,H)ANTHRACENE
200	UG/L	2-chlorophenol
400	UG/L	2-nitrophenol
240	UG/L	PHENOL
700	UG/L	2,4-dimethylphenol
200	UG/L	2,4-dichlorophenol
200	UG/L	2,4-tert-chlorophenol
400	UG/L	2,4-chloro-3-methylphenol
1000	UG/L	2,4-dinitrophenol
400	UG/L	2-methyl-4,6-dinitrophenol
2000	UG/L	PENTACHLOROPHENOL
400	UG/L	4-nitrophenol

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REGIV  
ATHENS GEORGIA

07/25/83 EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO. 1 83C2406 SAMPLE TYPE: MONVL

PROJECT NO. 1 83-1400 PROGRAM ELEMENT: NSF

SOURCE SITE CITY: NASHVILLE STATE: TN

STATION ID: 65-S5MW-R51-07  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045  
SAMPLE COLLECTION: STOP DATE/TIME 05/08/83 00:00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN  
SAMPLE REC'D DATE/TIME 04/29/83 1017 REC'D BY: S DUTTON

SEALED: YES

CHEMIST: DGR

ANALYTICAL METHOD:  
\*\*\*\*\*

REMARKS: SAMPLE A MIXTURE OF OIL & WATER, EXTRACTABLES,  
REMARKS: PEST, OIL ANALYZED. VOA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
\*\*A=AVGAGE VALUE \*J=ESTIMATED VALUE \*N=INTERFERENCE OF MATERIAL  
\*\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.  
\*\*\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

STORE #	COMPOUND	RESULTS UNITS
3443	N=NITROSODIMETHYLAMINE	UG/L
3444	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	UG/L
3445	BENZIDINE	UG/L
3446	1,3-DICHLOROBENZENE	UG/L
3447	1,4-DICHLOROBENZENE	UG/L
3448	1,2-DICHLOROETHYLENE	UG/L
3449	BIS(2-CHLOROETHYL) ETHER	UG/L
3450	HEXACHLOROISOPROPYL ETHER	UG/L
3451	BIS(2-CHLORO-N-PROPYLAMINE	UG/L
3452	N-NITROSOBENZENE	UG/L
3453	NITROBENZENE	UG/L
3454	HEXACHLOROBUTADIENE	UG/L
3455	2-CHLOROBENZENE	UG/L
3456	N-(PHTHALENE RIS(2-CHLOROETHOXY) METHANE	UG/L
3457	ISUPHORONE	UG/L
3458	HEXACHLOROCYCLOPENTADIENE (HCCP)	UG/L
3459	2-CHLORONAPHTHALENE	UG/L
3460	2-CHLORONAPHTHALENE	UG/L
3461	ACENAPHTHENE	UG/L
3462	DIMETHYL PHTHALATE	UG/L
3463	2'-4'-DINITROTOLUENE	UG/L
3464	2'-6'-DINITROTOLUENE	UG/L
3465	4'-CHLOROPHENYL PHENYL ETHER	UG/L
3466	FLUORENE PHTHALATE	UG/L
3467	N=NITROSODIPHENYLMINE/DIPHENYLAMINE	UG/L
3468	HEXACHLOROBENZENE (HCB)	UG/L
3469	4-BROMOPHENYL PHENYL ETHER	UG/L
3470	PHENANTHRENE	UG/L
3471	ANTHRACENE	UG/L
3472	DIN-BUTYL PHTHALATE	UG/L
3473	FLUORANTHENE	UG/L
3474	PYRENE	UG/L
3475	BENZYL BUTYL PHTHALATE	UG/L
3476	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L
3477	BIS(2-ETHYLHEXYL) ANTHRACENE	UG/L
3478	CHRYSENE	UG/L
3479	3,3'-DICHLOROBENZIDINE	UG/L
3480	DI-N-OCTYL PHTHALATE	UG/L
3481	BENZO(B AND/OR K) FLUORANTHENE (TOTAL)	UG/L
3482	BENZO(B AND/OR K) FLUORANTHENE (TOTAL)	UG/L
3483	BENZO-A-PYRENE	UG/L
3484	INDENO(1,2,3-CD) PYRENE	UG/L
3485	DIBENZO(A,H)ANTHRACENE	UG/L
3486	BENZO[CHI]PERYLENE	UG/L
3487	2-CHLOROPHENOL	UG/L
3488	2-NITROPHENOL	UG/L
3489	PHENOL	UG/L
3490	2,4-DIMETHYLPHENOL	UG/L
3491	2,4-DICHLOROPHENOL	UG/L
3492	2,4,6-TRICHLOROPHENOL	UG/L
3493	4-CHLORO-3-METHYLPHENOL	UG/L
3494	2,4-DINITROPHENOL	UG/L
3495	2-ETHYL-4,6-DINITROPHENOL	UG/L
3496	PENTACHLOROPHENOL	UG/L
3497	4-NITROPHENOL	UG/L
3498	9200000 U	UG/L

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, PEG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFWPS1-01  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 1412 INDRG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
200U	2-METHYLPHENOL
200U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
200U	ANILINE
400U	BENZYL ALCOHOL
100U	4-CHLORDANILINE
200U	DIBENZOFURAN
400U	2-METHYLNAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE
500JN	7 UNIDENTIFIED COMPOUNDS
80JN	C2 ALKYLBENZENE (2 ISOMERS)
60JN	C3 ALKYLENZENE (2 ISOMERS)
30JN	C4 ALKYLBENZENE (2 ISOMERS)

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*JAI-INTERFERENCE  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: A3-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01W  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE, / TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1052 DPG SAMPLE NO.: D 2133 INDPG SAMPLE NO.: MD 125  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TEB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
200U	2-METHYLPHENOL
200U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
200U	ANILINE
400U	BENZYL ALCOHOL
1000U	4-CHLOROANILINE
200U	DIBENZOFURAN
400U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, PEG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONK1

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF4WRS1-02  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FR74;  
SAMPLE REC'D: DATE./TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 DPG SAMPLE NO: D 2160 INDPG SAMPLE NO.: MD 160  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
200U	2-METHYLPHENOL
200U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
200U	ANILINE
400U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
200U	DIBENZOUPAN
400U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-DESMINUTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

120063

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: B1C2432 SAMPLE TYPE: MNWL

PROJECT NO.: R3-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMARS1-03  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 JRG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
200U	2-METHYLPHENOL
200U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
200U	ANILINE
400U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
200U	DIBENZOFURAN
400U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE
20JN	C2 ALKYL NAPHTHALENE
30JN	C3 ALKYL NAPHTHALENE
N	PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCE  
\*I-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2434 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFWRS1-04  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 DPG SAMPLE NO: D 2207 INORG SAMPLE NO.: NO 0  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC):

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
2000	BENZOIC ACID
200	2-METHYLPHENOL
200	4-METHYLPHENOL
2000	2,4,5-TRICHLOROPHENOL
200	ANILINE
400	BENZYL ALCOHOL
1000	4-CHLORDANILINE
200	DI BENZOFURAN
400	2-METHYL NAPHTHALENE
2000	2-NITROANILINE
2000	3-NITROANILINE
2000	4-NITROANILINE
N	PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVG PAGE VALUE \*NA-NOT ANALYZED \*MAI-INTERFFERENCES  
\*E-ESTIMATED VALUE \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONKU

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFWRS1-05  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1052 OPG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JAS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
2000	BENZOIC ACID
200	2-METHYLPHENOL
200	4-METHYLPHENOL
2000	2,4,5-TRICHLOROPHENOL
200	ANILINE
400	BENZYL ALCOHOL
1000	4-CHLOROANILINE
200	DIBENZOFURAN
400	2-METHYL NAPHTHALENE
2000	2-NITROANILINE
2000	3-NITROANILINE
2000	4-NITROANILINE
90JN	C4 ALKYL BENZOIC ACID
40JN	PHOSPHORIC ACID TRIBUTYL ESTER
200JN	6 UNIDENTIFIED COMPOUNDS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAL-INTERFERENCES  
\*J-ESTIMATED VALUE \*Y-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-UNMARS1-06  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2161 INORG SAMPLE NO.: 4D 161  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCANNING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: ug/l	COMPOUND NAME
10000U		BENZOIC ACID
10000U		2-METHYLPHENOL
10000U		4-METHYLPHENOL
10000U		2,4,5-TRICHLOROPHENOL
2000U		AVILINE
4000U		BENZYL ALCOHOL
2000U		DIBENZOFURAN
1900J		2-METHYL NAPHTHALENE
20000U		2-NITROANILINE
20000U		3-NITROANILINE
20000U		4-NITROANILINE
2000JN		1-METHYLNAPHTHALENE
5000JN		C2 ALKYNAPHTHALENE (2 ISOMERS)
N		PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD FEG IV  
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONEL

PROJECT NO.: 83-110 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWSI-07  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE, / TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1552 DPG SAMPLE NO.: 0 2162 INORG SAMPLE NO.: MD 162  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
200U	2-METHYLPHENOL
520	4-METHYLPHENOL
2000U	2,4,5-TRICHLOROPHENOL
400U	ANILINE
600U	BENZYL ALCOHOL
200U	4-CHLOROANILINE
400U	DIBENZOFURAN
96	2-METHYL, NAPHTHALENE
4000U	2-NITROANILINE
4000U	3-NITROANILINE
4000U	4-NITROANILINE
N	PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

07/25/83 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2406 SAMPLE TYPE: MONWL

PROJECT NO.: 83-1400 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE STATE: TN

STATION ID: 6S-SSMW-R81-07  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 04/28/83 1045  
SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN  
SAMPLE REC'D DATE/TIME: 04/29/83 1017 REC'D BY: S DUTTON  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: SAMPLE A MIXTURE OF OIL & WATER, EXTRACTABLES &  
REMARK: PEST., OIL ANALYZED, VOA & METALS, WATER ANALYZED,

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN:	UG/L	COMPOUND NAME
500000JN	C3	ALKYLBENZENE (4 ISOMERS)
500000JN	C4	ALKYLBENZENE (4 ISOMERS)
500000JN	C5	ALKYLBENZENE (2 ISOMERS)
500000JN	C2	ALKYLPHENOL (NOT 2,4 DIMETHYL)
500000JN		METHYLNAPHTHALENE
500000JN	C2	ALKYLNAPHTHALENE (3 ISOMERS)
500000JN	C3	ALKYLNAPHTHALENE (2 ISOMERS)
1E+06JN		PHOSPHORIC ACID, TRIBUTYL ESTER
500000JN		HEXADECANOIC ACID, TRIBUTYL ESTER
500000JN	N	PHOSPHORIC ACID, TRIPHENYL ESTER
		PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NI-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MOWNL

PROJECT NO.: A3-140 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMARS1-01  
STORET STATION #: 43:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: K FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652 JRG SAMPLE NO: D 1412 INORG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(NUORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTACHLOR	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39390
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHERE	39400
0.1U	UG/L	ENDRIV ALDEHYDE	34366
0.002U	UG/L	TCPD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*N/A-INTERFERENCE  
 \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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0075

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2427      SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CSRS1-01A

STORED STATION #::

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:

SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:

SEALED:

CHEMIST: CHH

ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2133      INORG SAMPLE NO.: MD 125

CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY

CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

REMARK:

SAMPLE DOG VERIFIED BY: TSB      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOPEI
0.1U	UG/L	ALDRIV	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	4259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	4361
0.1U	UG/L	DIELDRIV	9380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	9300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	9320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	9310
0.1U	UG/L	ENDRIN	9390
0.1U	UG/L	ENDOSULFAN II (BETA)	4356
0.1U	UG/L	ENDOSULFAN SULFATE	4351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	9350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	9496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	9504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	9488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	9492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	9500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	9508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	94671
0.1U	UG/L	TOXAPHENE	93400
0.1U	UG/L	ENDRIV ALDEHYDE	94366
0.002U	UG/L	TCDD(DIOXIN)	94675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	39810
--	UG/L	GAMMA-CHLORDANE /2	39071
--	UG/L	TRANS-NONACHLOR /2	39348
--	UG/L	ALPHA-CHLORDANE /2	39068
--	UG/L	CIS-NONACHLOR /2	39480

\*\*\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*E-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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0075

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2429      SAMPLE TYPE: 40NHW

PROJECT NO.: R3-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.O.: SS-CFMWPS1-02  
STUPET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2160      INDRG SAMPLE NO.: ND 160  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
0.10	UG/L	ALDRIN	39330
0.10	UG/L	HEPTACHLOR	39410
0.10	UG/L	HEPTACHLOR EPOXIDE	39420
0.10	UG/L	ALPHA-BHC	39337
0.10	UG/L	BETA-BHC	39338
0.10	UG/L	GAMMA-BHC (LINDANE)	39340
0.10	UG/L	DELTA-BHC	34259
0.10	UG/L	ENDOSULFAN I (ALPHA)	34361
0.10	UG/L	DIELDRIN	39380
0.10	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.10	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.10	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.10	UG/L	ENDRIN	39390
0.10	UG/L	ENDOSULFAN II (BETA)	34356
0.10	UG/L	ENDOSULFAN SILFATE	34351
0.10	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.10	UG/L	PCB-1242 (Aroclor 1242)	39496
0.10	UG/L	PCB-1254 (Aroclor 1254)	39504
0.10	UG/L	PCB-1221 (Aroclor 1221)	39488
0.10	UG/L	PCB-1232 (Aroclor 1232)	39492
0.10	UG/L	PCB-1248 (Aroclor 1248)	39500
0.10	UG/L	PCB-1260 (Aroclor 1260)	39508
0.10	UG/L	PCB-1016 (Aroclor 1016)	34671
0.10	UG/L	TOXAPHENE	39400
0.0020	UG/L	ENDRIN ALDEHYDE	34366
--	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TPANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLOPDANE /2	39348
NA	UG/L	CIS-NONACHLOR /2	39068
	UG/L	METHOXYCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
   THE MAXIMUM DETECTION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

12007

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCR'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2432      SAMPLE TYPE: MONWL

PROJECT NO.: P3-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE

CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFMWRS1-03

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO.: D 1445      INDRG SAMPLE NO.: 4D 180

CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY

CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

REMARK:

SAMPLE BUG VERIFIED BY: TBS      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDOPIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRY	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.002U	UG/L	ENORIN ALDEHYDE	34366
--	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLOPDIENE /2	
--	UG/L	Gamma-CHLOPDIENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
--	UG/L	METHOXYCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NI=INTERFERENCES
- \*E=ESTIMATED VALUE      \*N=DRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE "MINIMUM" DETECTION LIMIT.
- 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2434      SAMPLE TYPE: MOWNL

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STONET STATION #: SS-CFMARS1-04

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2207      INDRG SAMPLE NO.: MU      0  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC):

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBS      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STONET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELORIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1212 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.002U	UG/L	TOXAPHENE	39400
0.002U	UG/L	ENDRIN ALDEHYDE	34366
--	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLOPODANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
--	UG/L	METHOXYCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.  
 1. WHEN "0" VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2428      SAMPLE TYPE: MONOL

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-CFMWRS1-05  
STATION STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652      DRG SAMPLE NO: D 2159      INDRG SAMPLE NO.: MD 182  
CONTRACT LABORATORY(ORGANIC): WEAIR TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORED
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	DIELDRIN	34361
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39380
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39370
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.002U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-VONACHLOR /2	39071
--	UG/L	ALPHA-CHLOPOANE /2	39348
--	UG/L	CIS-VONACHLOR /2	39068
NA	UG/L	METHOXYSCHLOR	39480

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWI

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SWAD SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LNMARS1-06  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652 OPG SAMPLE NO.: D 2161 INORG SAMPLE NO.: MD 161  
CONTRACT LABORATORY(OPG/AGRIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: T98 DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*

DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
0.10	UG/L	ALDRIN	39330
0.10	UG/L	HEPTACHLOR	39410
0.10	UG/L	HEPTACHLOR EPOXIDE	39420
0.10	UG/L	ALPHA-BHC	39337
0.10	UG/L	BETA-BHC	39338
0.10	UG/L	GAMMA-BHC (LINDANE)	39340
0.10	UG/L	DELTA-BHC	34259
0.10	UG/L	ENDOSULFAN I (ALPHA)	34361
0.10	UG/L	DIELDRIN	39380
0.10	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.10	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.10	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.10	UG/L	ENDRIN	39390
0.10	UG/L	ENDOSULFAN II (BETA)	34356
0.10	UG/L	ENDOSULFAN SULFATE	34351
0.10	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.10	UG/L	PCB-1242 (Aroclor 1242)	39496
0.10	UG/L	PCB-1254 (Aroclor 1254)	39504
0.10	UG/L	PCB-1221 (Aroclor 1221)	39488
0.10	UG/L	PCB-1232 (Aroclor 1232)	39492
0.10	UG/L	PCB-1248 (Aroclor 1248)	39500
0.10	UG/L	PCB-1260 (Aroclor 1260)	39508
0.10	UG/L	PCB-1016 (Aroclor 1016)	34671
0.10	UG/L	TOXAPHENE	39400
0.10	UG/L	ENDRIN ALDEHYDE	34366
0.0020	UG/L	TCDD(DTOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39349
NA	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAT-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMptive EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

10031

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2433      SAMPLE TYPE: MONWL

PROJECT NO.: 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE

CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-SS4XPS1-07  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: CHH  
ANALYTICAL METHOD:

CASE NO.: 1652 DPG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162  
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB      DATA VERIFIED BY: CHH

\*\*\*REMARKS\*\*\*  
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STOREP
0.10	UG/L	ALDRIN	39330
0.10	UG/L	HEPTACHLOR	39410
0.10	UG/L	HEPTACHLOR EPOXIDE	39420
0.10	UG/L	ALPHA-BHC	39337
0.10	UG/L	BETA-BHC	39338
0.10	UG/L	GAMMA-BHC (LINDANE)	39340
0.10	UG/L	DELTA-BHC	34259
0.10	UG/L	ENDOSULFAN I (ALPHA)	34361
0.10	UG/L	DIELDRIN	39380
0.10	UG/L	4,4'-DDT (P,P'-DDT)	39390
0.10	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.10	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.10	UG/L	ENDRIN	39390
0.10	UG/L	ENDOSULFAN II (BETA)	34356
0.10	UG/L	ENDOSULFAN SULFATE	34351
0.10	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.10	UG/L	PCB-1242 (Aroclor 1242)	39496
0.10	UG/L	PCB-1254 (Aroclor 1254)	39504
0.10	UG/L	PCB-1221 (Aroclor 1221)	39458
0.10	UG/L	PCB-1232 (Aroclor 1232)	39492
0.10	UG/L	PCB-1248 (Aroclor 1248)	39500
0.10	UG/L	PCB-1260 (Aroclor 1260)	39508
0.10	UG/L	PCB-1016 (Aroclor 1016)	34671
0.10	UG/L	TOXAPHENE	39400
0.10	UG/L	ENDRIN ALDEHYDE	34366
0.0020	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORODENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	39810
--	UG/L	GAMMA-CHLOROANE /2	39071
--	UG/L	TRANS-NONACHLOR /2	39348
--	UG/L	ALPHA-CHLORDANE /2	39068
--	UG/L	CIS-NONACHLOR /2	
NA	UG/L	METHOXYSCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
\*\*-ESTIMATED VALUE      \*\*-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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0082

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD PEG IV  
ATHENS, GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2406      SAMPLE TYPE: MONWL

PROJECT NO.: 83-1400      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE  
CITY: NASHVILLE      STATE: TN

STATION I.D.: SS-SSMW-RS1-07  
STORET STATION NJ:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM: R FRANKLIN  
SAMPLE REC'D: DATE/TIME 04/29/83 1017 REC'D BY: S BUTTON  
SEALED: YES

CHEMIST: HLR  
ANALYTICAL METHOD:

REMARK: SAMPLE A MIXTURE OF OIL & WATER. EXTRACTABLES &  
REMARK: PEST., OIL ANALYZED. VOA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBB      DATA VERIFIED BY: HLR

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND	STORET
5000U	UG/L	ALDRIN	39330
5000U	UG/L	HEPTACHLOR	39410
5000U	UG/L	HEPTACHLOR EPOXIDE	39420
5000U	UG/L	ALPHA-BHC	39337
5000U	UG/L	BETA-BHC	39338
5000U	UG/L	GAMMA-BHC (LINDANE)	39340
5000U	UG/L	DELTA-BHC	34259
2000U	UG/L	ENDOSULFAN I (ALPHA)	34361
2000U	UG/L	DIELDRIN	39380
4000U	UG/L	4,4'-DDT (P,P'-DDT)	39300
4000U	UG/L	4,4'-DDE (P,P'-DDE)	39320
4000U	UG/L	4,4'-DDD (P,P'-DDD)	39310
4000U	UG/L	ENDRIN	39390
4000U	UG/L	ENDOSULFAN II (BETA)	34356
6000U	UG/L	ENDOSULFAN SULFATE	34351
30000U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
30000U	UG/L	PCB-1242 (Aroclor 1242)	39496
30000U	UG/L	PCB-1254 (Aroclor 1254)	39504
30000U	UG/L	PCB-1221 (Aroclor 1221)	39488
30000U	UG/L	PCB-1232 (Aroclor 1232)	39492
35000A	UG/L	PCB-1248 (Aroclor 1248)	39500
30000U	UG/L	PCB-1260 (Aroclor 1260)	39508
30000U	UG/L	PCB-1016 (Aroclor 1016)	34671
7000U	UG/L	TOXAPHENE	39400
6000U	UG/L	ENDRIN ALDEHYDE	34366
NA	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
10000U	UG/L	METHOXYCHLOR	39480

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE      \*N=NOT ANALYZED      \*NA=INTERFERENCES
- \*J-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

003

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO. 1 83C2435      SAMPLE TYPE: LAB BLANK

PROJECT NO. 1 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE      STATE: TN  
CITY: NASHVILLE

STATION ID: SS-PW-02  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO. 1 1652      ORG SAMPLE NO. 1 D 2480      INORG SAMPLE NO. 1 MD      5  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
100	UG/L	ARSENIC
1000	UG/L	BORON
1000	UG/L	BARIUM
50	UG/L	BERYLLIUM
10	UG/L	CADMIUM
500	UG/L	COBALT
100	UG/L	CHROMIUM
500	UG/L	COPPER
NA	UG/L	MOLYBDENUM
400	UG/L	NICKEL
100	UG/L	LEAD
200	UG/L	ANTIMONY
200	UG/L	SELENIUM
200	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
23	UG/L	THALLIUM
2000	UG/L	VANADIUM
NA	UG/L	YITTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
132	UG/L	ALUMINUM
100	UG/L	MANGANESE
NA	MG/L	CALCIUM
NA	MG/L	MAGNESIUM
0.061	MG/L	IRON
NA	MG/L	SODIUM
NA	UG/L	CHROMIUM, HEXAVALENT

STORED  
01071  
01002  
01024  
01007  
01012  
01027  
01037  
01036  
01042  
01062  
01067  
01051  
01097  
0147  
01102  
01082  
01064  
0152  
01059  
01087  
01203  
01092  
01162  
011900  
01108  
01035  
00916  
00927  
00929  
01010  
01032

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0034

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD/REG IV  
ATHENS GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO. 1 83C2424      SAMPLE TYPE: LAB SPIKE

PROJECT NO. 1 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE      STATE: TN

STATION ID: 1 SS-P4-01  
STURET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 04/28/83

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHODS:

CASE NO. 1 1652 ORG SAMPLE NO. 0      INORG SAMPLE NO. 1 MD      6  
CONTRACT LABORATORY(ORGANIC):  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORED
100	UG/L	SILVER	01079
26	UG/L	ARSENIC	01002
1000	UG/L	BORON	01001
244	UG/L	BARIUM	01012
50	UG/L	BERYLLIUM	01027
515	UG/L	CADMIUM	01037
69	UG/L	COBALT	01036
12	UG/L	CHROMIUM	01042
56	UG/L	COPPER	01062
NA	UG/L	MOLYBDENUM	01054
47	UG/L	NICKEL	01051
50	UG/L	LEAD	01097
23	UG/L	ANTIMONY	01147
5	UG/L	SELENIUM	01102
200	UG/L	TIN	01082
NA	UG/L	STRONTIUM	01064
NA	UG/L	TELLURIUM	01152
NA	UG/L	TITANIUM	01203
100	UG/L	THALLIUM	01159
240	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01162
27	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.211	UG/L	MERCURY	71900
1000	UG/L	ALUMINUM	01105
27	UG/L	MANGANESE	01055
NA	UG/L	CALCIUM	00916
NA	UG/L	MAGNESIUM	00927
0.050	UG/L	IRON	74010
NA	UG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.010 MG/L CYANIDE

STORED  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2435 SAMPLE TYPE: LAB BLANK

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE STATE: TN

STATION ID: SS-PW-02  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2480 INORG SAMPLE NO.: MD 5  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\*A=AVGAE VALUE \*NA=NOT ANALYZED \*NI=INTERFERENCES  
\*J=ESTIMATED VALUE BN=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.04 MG/L CYANIDE

STORET  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2424 SAMPLE TYPE: LAB SPIKE

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE STATE: TN

STATION ID: SS-PW-01  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 04/28/83

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: RPL CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D O INORG SAMPLE NO.: MD 6  
CONTRACT LABORATORY(ORGANIC):  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: IBB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NI=INTERFERENCES  
\*E=ESTIMATED VALUE    \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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0067

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

07/20/83

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO. 1 83C2433      SAMPLE TYPE: MONWL

PROJECT NO: 1 83-140      PROGRAM ELEMENT: NSF  
SOURCE: SA&O SITE  
CITY: NASHVILLE      STATE: TN

STATION ID: SS-SSMWR1-07  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN      RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00      REC'D BY:  
SEALED:

CHEMIST: MAW  
ANALYTICAL METHOD:

CASE NO: 1 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO. 1 MD 162  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:  
REMARKS:

SAMPLE LOG VERIFIED BY: TBB      SAMPLE DATA VERIFIED BY: MAW

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
43	UG/L	ARSENIC	01002
1000	UG/L	BORON	01022
100	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01067
48	UG/L	NICKEL	01064
52	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01132
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
33	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
2800	UG/L	ALUMINUM	01105
81000	UG/L	MANGANESE	01095
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNEIUM	00927
180	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.016 MG/L CYANIDE

STORED  
00720

07/20/83

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF  
SOURCE: SAID SITE  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-01  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO.: D 1412 INORG SAMPLE NO.: MD 183  
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY  
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:  
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVVERAGE VALUE    N/A=NOT ANALYZED    \*N/A=INTERFERENCES  
\*E=ESTIMATED VALUE    P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

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